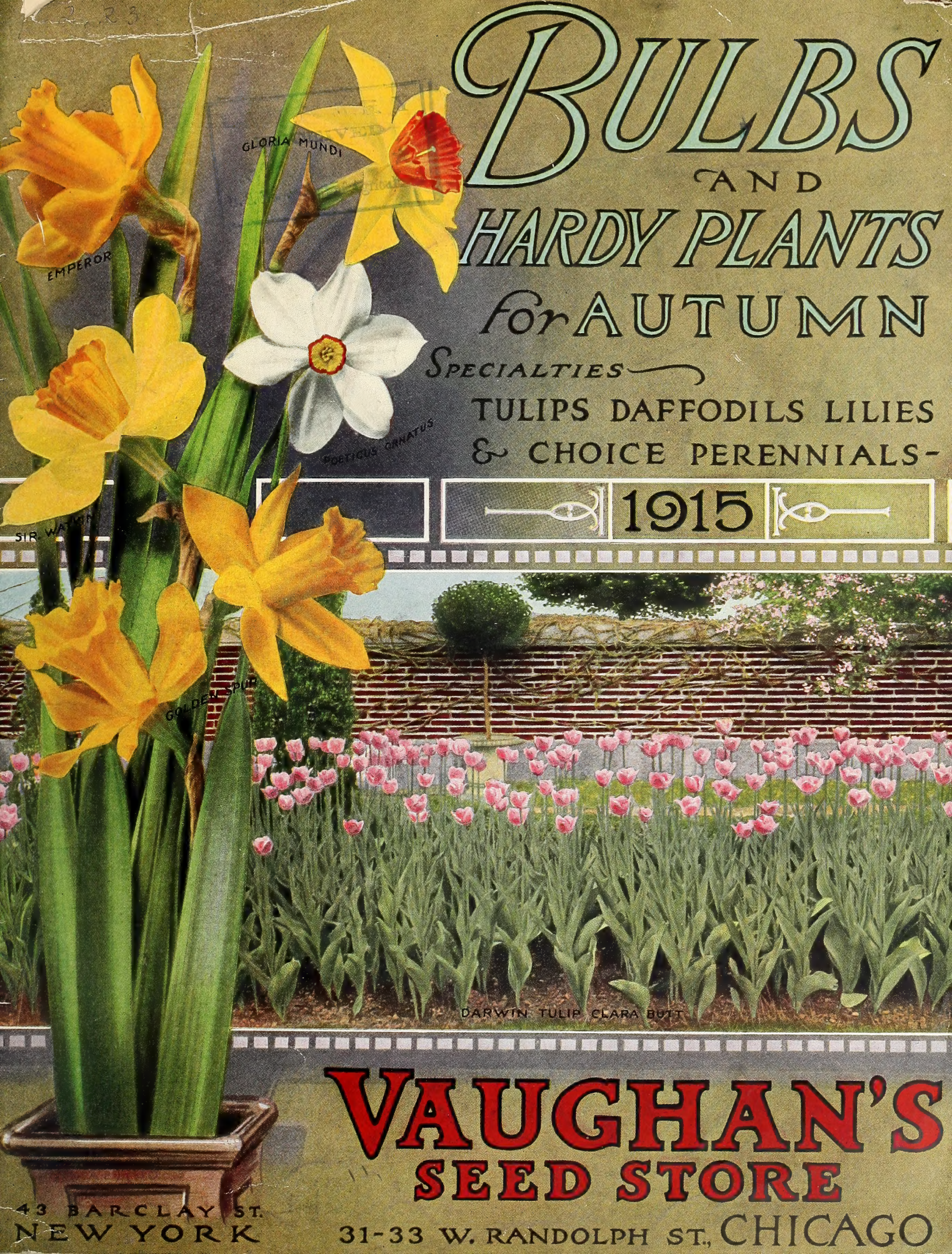


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Do not assume content reflects current
scientific knowledge, policies, or practices.



BULBS

AND

HARDY PLANTS

For AUTUMN

SPECIALTIES

TULIPS DAFFODILS LILIES
& CHOICE PERENNIALS-



1915



VAUGHAN'S SEED STORE

43 BARCLAY ST.
NEW YORK

31-33 W. RANDOLPH ST., CHICAGO

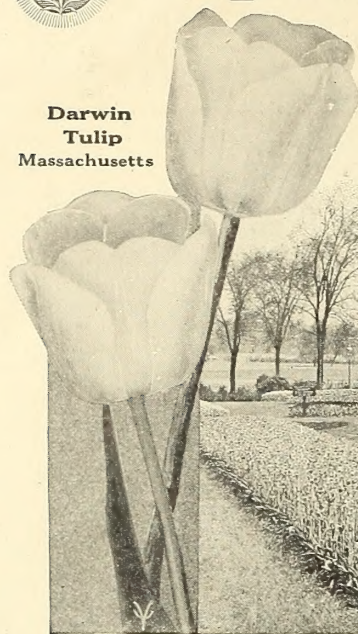


Spring Flowering Bulbs

For Garden, House or Conservatory

For Fall Planting

Darwin
Tulip
Massachusetts



Vaughan's Tulips Growing in Armory Gardens, Minneapolis, Spring, 1914

BUT few lovers of gardens look upon the Autumn as planting time, and we (whose offerings of plants and seeds cover the entire range of horticulture) often find it difficult to impress on our customers the real necessity for fall planting of many hardy bulbs and perennials, as well as shrubs and trees. Everything covered in this list should be planted in the fall and the great majority of bulbs cannot be planted at any other time. When planted in their proper seasons in the fall, these bulbs produce in the spring a brilliant succession of flowers from the earliest Crocuses and Snowdrops through the entire range to the late Darwin and Cottage Tulips which flower almost with the Peonies.

Of all the many desirable bulbs here quoted, the best for all purposes, hardiness, beauty of form, and endless variety of colors, are Tulips and Daffodils. Every year sees valuable introductions of both British and Continental novelties, and with each edition of our catalog we revise them to date, discarding the obsolete in form, size and color, and adding the best new ones.

The support which we have had from both professionals and amateurs has enabled us to introduce even some of the most expensive of the newer varieties, and all of these customers have generously supported us in high grade offerings of picked bulbs and roots that we are constantly carrying in season in liberal supply for our counter trade at both stores.

When ordering, please follow these Instructions and Suggestions

When to Order Send in your order as soon as possible after receiving catalog. Bulbs for immediate planting will be sent at once, others at proper time, with due notification.

How to Order Use the order sheets accompanying this catalog. One order sheet is for **seeds, bulbs and sundries** (i. e. Insecticides, Manures, Poultry Supplies, etc.); the other for **plants, shrubs and trees** only. **Don't put plants and trees on the same order sheet with bulbs and seeds.**

Important Write your name, postoffice, state and express office plainly with black ink, on every order, and every time you write to us. Give plain express, mail or freight directions; where none are given, we route the same at buyers' risk.

Quantity, Size, Price Always give the quantity required of bulbs, plants or trees, mentioning size where different sizes are offered, and carry out the price of each item.

Keep a Copy of Your Order Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notice sent.

Mistakes These will happen in spite of all care. Write us at once with copy of original order if possible, and mistakes will be promptly rectified. Please do not return goods until you hear from us.

Parcel Post **Fourth Class Mail Matter**, which includes seeds, plants, bulbs, roots, books, tools, insecticides (in dry and paste form) odorless fertilizers and requisites, may be forwarded by **domestic parcel post** within the United States. We recommend this mode of conveyance for all seeds and bulbs, where weight permits, also implements, insecticides, etc., where we give mailable weights.

Time of Sending Not all fall bulbs are ready at the same time, but nearly all the Dutch and French importations are in the store by September 15. The following table gives approximate dates of arrival: **September 1**—Lilium Candidum, Roman Hyacinths, Lilium Harrisii, Freesias, Peonies. **September 15**—Hyacinths, Daffodils and Narcissi, Tulips and other Dutch bulbs, Callas. **October 20**—Full supply of Lilies, Chinese Narcissus, Dahlias and Gladiolus. **November 10**—Spiraea and Lily of the Valley, new crop Tuberoses. Perennial Plants, **September 15** until frost; Trees and shrubs and all nursery stock, **October 1st** until frost.

Our Terms with customers not having an account are strictly cash with order. We prefer not to send C. O. D., but if wanted by that method customers should enclose one-fourth of the amount in remittance with order. No trees, plants or other perishable stock, are sent C. O. D.

How to Send Money Send by New York or Chicago draft, registered letters, or postoffice or express money order; both are cheap and absolutely safe. Small postage stamps are taken as cash, but we prefer larger denominations, such as fives, tens or fifteens. Registered letters can be sent from any postoffice, and your receipt sent you by return mail if demanded by you, by which you know it has reached us. If local checks are used, 25 cents must be added to cover the cost of collecting. Make money order payable to "Vaughan's Seed Store."

Our Responsibility It is so manifestly impossible for a seller of any perishable article to be responsible for what may happen to it after it leaves his hands, especially one like seeds, which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to the crop which may be raised from seeds which we sell.

At the same time, in case of any failure to secure proper results caused from some inherent fault in the seeds themselves, Vaughan's Seed Store accepts responsibility, not for crop, but to the extent of the amount of money paid for the seeds, if immediately advised. Or seeds may be returned.

We wish it understood that our stocks are sold under the following general non-warranty:

We Do Not Warrant in any way, expressed or implied, the contents or the description, quality, productiveness or any other matter of any seeds, bulbs, plants, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to above conditions, we make this sale at the moderate prices at which we sell our goods. **VAUGHAN'S SEED STORE, Incorporated**

PARCEL POST Vaughan's Seed Store at Chicago and New York, covers the United States in a remarkable way to secure cheap postal rates for its many mail order customers.

Your local postmaster will tell you in which Zone you reside as regards NEW YORK or CHICAGO.

DOMESTIC PARCEL POST RATES		First pound or fraction	Each additional pound or fraction
On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and Possessions.			
First Zone	Chicago or New York City or 50 miles thereof	5c.	1c.
Second Zone	within 50 to 150 miles of either	5c.	1c.
Third Zone	within 150 to 300 miles	6c.	2c.
Fourth Zone	within 300 to 600 miles	7c.	4c.
Fifth Zone	within 600 to 1000 miles	8c.	6c.
Sixth Zone	within 1000 to 1400 miles	9c.	8c.
Seventh Zone	within 1400 to 1800 miles	11c.	10c.
Eighth Zone	all over 1800 miles and Canada	12c.	12c.

NOTE.—Limit of weight for delivery within the first and second zones, 50 pounds; to Canada 4 lbs., 6 ozs. (postage 60c.); to all other zones 20 pounds. If weight exceeds this, we will pack in 2 or 3 parcels (not more) provided money is remitted to cover postage.

Bulbs for Natural Effects

Narcissus, Crocus, Scillas, Snowdrops

And Others for Wild Garden Effects

(The proper depths at which various bulbs should be planted are given on page 11.)

For planting in woodlands, meadows and along streams, these fall-planted bulbs are coming into favor more rapidly every year as their merit becomes better known. These bulbs, especially daffodils when planted in clumps in a sheltered, sunny spot, will produce a mass of color in the early spring, when the rest of nature is asleep. When once planted, they remain for years, the clumps increasing in size and vigor.

Daffodils in long irregular lines along streams, or by the edge of the woodland are extremely effective, but if several varieties are planted they should be kept separate, so that each group will give its fullest display, as all varieties do not flower at exactly the same time. Nearly all bulbs for naturalizing are quite inexpensive, and the annual benefit derived from them for a small outlay should tempt everybody to beautify their home surroundings.

Below we give some suggestions for planting.

For descriptions of these Bulbs we refer you to pages two to twenty-three of this catalogue.

For Meadows and Along Streams

	Per 100	Per 1000
Crocus, Named Varieties.....	\$1.15	\$ 9.00
Crocus, Mixed Colors.....	.75	6.00
Narcissus, Single Poeticus.....	1.00	8.00
Narcissus, Barri Conspicuous.....	1.25	10.00
Narcissus, Incomparabilis Autocrat.....	1.80	16.00
Narcissus, Incomparabilis Stella.....	1.25	10.00
Narcissus, Incomparabilis Cynosure.....	1.15	9.00
Narcissus, Leedsii, Mrs. Langtry.....	1.50	12.00
Narcissus, Large Trumpet Golden Spur.....	2.50	20.00
Narcissus, Large Trumpet Obvallaris.....	1.90	17.00
Narcissus, Large Trumpet Princeps Maximus.....	1.25	10.00
Narcissus, Large Trumpet Empress (Bicolor).....	2.50	20.00
Narcissus, Double Von Sion, Fancy.....	2.50	20.00
Narcissus, Double Incomparabilis.....	1.75	15.00
Tulips, May Flowering, Vaughan's Special Mixed.....	1.50	12.00
Tulips, Darwin, Vaughan's Special Mixed.....	1.80	16.00

For Woodland Planting

Crocus, Named Varieties.....	1.15	9.00
Crocus, Mixed Colors.....	.75	6.00
Eranthis Hyemalis (Winter Aconite).....	1.00	7.50
Lily of the Valley, (clumps) per doz., \$3.00.....	20.00	
Narcissus Princeps Maximus.....	1.25	10.00
Narcissus Empress.....	2.50	20.00
Narcissus Cynosure.....	1.15	9.00
Narcissus Sir Watkin.....	2.00	18.00
Narcissus Barri Conspicuous.....	1.25	10.00
Narcissus Leedsii, Mrs. Langtry.....	1.50	12.00
Scilla Siberica, Select.....	1.00	8.00
Scilla Campanulata, White.....	1.00	8.00
Scilla Campanulata, Blue.....	1.15	9.00
Scilla Campanulata, Rose.....	1.15	9.00
Trillium Grandiflorum.....	4.00	35.00

Tulips for the Perennial Border

We strongly recommend the planting of Darwin and Cottage Tulips in clumps and masses among hardy plants. All are perfectly hardy, and there is nothing to equal them for color and grace, standing boldly over the green foliage of the growing perennial plants. In our collections of these, will be found every imaginable shade, and for cutting they are invaluable, particularly the Cottage Varieties as most of them are deliciously scented.

The Book "Vaughan's Flower Bulbs," free with every order of \$1.00 and over.

SINGLE SNOWDROP



NARCISSUS "MRS. LANGTRY" and "CYNOSURE" NATURALIZED IN WOODLAND

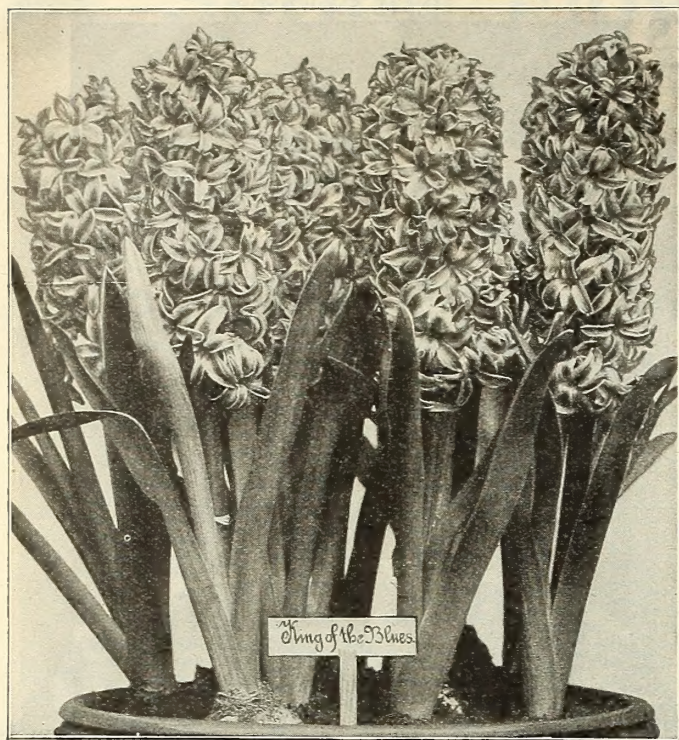
For Planting on the Lawn

Bulbs may be planted in clumps or lines on the lawn, adding a tone of brightness to what might be otherwise a barren patch. All being early flowers, they are quite over before the grass will require first mowing, and will not interfere with this work.

	Per 100	Per 1000
Crocus, Named Varieties.....	\$1.15	\$ 9.00
Crocus, Mixed Colors.....	.75	6.00
Chionodoxa Lucillae.....	1.25	10.00
Chionodoxa Sardensis.....	1.15	9.00
Grape Hyacinths, White.....	1.00	8.00
Grape Hyacinths, Blue.....	.75	6.00
Grape Hyacinths, Feathered.....	1.25	10.00
Narcissus, Poeticus Ornatus.....	1.00	8.00
Narcissus, Barri Conspicuous.....	1.25	10.00
Narcissus, Golden Spur.....	2.50	20.00
Narcissus, Princeps Maximus.....	1.25	10.00
Narcissus, Double Von Sion (Fancy).....	2.50	20.00
Scilla Siberica, Select.....	1.00	8.00
Scilla Campanulata, White.....	1.00	8.00
Scilla Campanulata, Blue.....	1.15	9.00
Scilla Campanulata, Rose.....	1.15	9.00
Snowdrops, Single.....	1.00	8.00
Snowdrops, Double.....	1.50	13.00
Snowdrops, Giant Elwesii.....	1.00	8.00

Planting in Grass

In planting bulbs in grass a circular hole about 5 or 6 inches deep should be made with a bulb planter or small trowel. The former is preferable, and description and price of same will be found on page 11. If the soil is poor some prepared compost containing a fair proportion of bone meal should be placed under and over the bulb, and the sod replaced on top.



HYACINTH KING OF THE BLUES



HYACINTH GERTRUDE

Vaughan's Exhibition Hyacinths

MONSTER
TOP ROOTS

A number of our customers who do fancy Hyacinth growing always require some of the largest and finest bulbs that can be obtained. For this purpose we have arranged with our Holland growers to get the very largest and most perfect solid, sound bulbs. They can be depended upon to give extra large and well-developed spikes of bloom, fit for exhibition and special ornament. We offer these in single varieties only.

PRICE—Our selection of varieties: Each, 20 cts.; per dozen, \$2.00; per 100, \$15.00.

Named Dutch Hyacinths

SINGLE VARIETIES
FIRST SIZE BULBS

For Pots, Ornamental Bowls, Glasses, Etc.

HYACINTHS IN POTS.—It is important in the pot culture of Hyacinths to have rich, light soil. If the bulbs are to be potted singly, 5-inch pots are the proper size. Cover the hole in the pot with a piece of broken pot, and over this place a layer of moss which will keep the soil from clogging the drainage thus provided. Break off any offsets which appear at the base of the bulbs, and, in potting, place each bulb so that its top shall be half an inch below the surface of the soil, and an inch below the rim of the pot. Use a 5-inch pot for single bulb or four in a 6-inch pot. Give a good watering and set away in a cool place, covering them with about 3 to 5 inches of coal ashes or sand. Let them remain here for eight or ten weeks, bringing them to the light as wanted.

HYACINTHS IN GLASSES.—The single varieties are, with a few exceptions, best adapted to this mode of culture. They produce finer flower spikes than the double. Fill the glass with clear soft water, so as nearly to touch the base of the bulb, putting a small piece of charcoal in each glass to keep

the water pure and afford some nourishment. The filled glasses should be placed in a dry, cool, dark place, and kept there until the roots almost touch the bottom of the glass, when they may be exposed gradually to the light. If the water in the glass becomes foul or diminished, replace it with fresh water.

GARDEN CULTURE.—Bulbs may be planted from September to December in any good, well-drained garden soil, which has previously been well enriched and dug from 12 to 18 inches. Bulbs should be set 6 inches apart and 6 inches deep. Before the ground freezes, cover the beds with material, such as leaves, straw, pine branches, etc., to a depth of 4 inches. Do not uncover too early in Spring.

PRICE, EACH, INCLUDES POSTAGE. Mailing weight, dozen, 3 lbs. ADD POSTAGE for each dozen as per rates on inside front cover.

NOTE.—Numbers preceding the names indicate the time of flowering; the 1's flowering together and are early, while the 4's are latest.

Single Red and Rose

	Each	Per Doz.	Per 100
4 Cardinal Wiseman, dark pink.....	\$0.10	\$1.00	\$7.00
1 Garibaldi, brilliant red, early.....	.10	1.00	7.00
1 General Pelissier, deep scarlet.....	.10	1.00	7.00
2 General de Wet, light pink.....	.10	1.00	7.00
3 Gertrude, rose pink, medium early; one of best pot varieties.....	.08	.85	6.50
2 Gigantea, light pink bells, compact spike; medium early.....	.08	.85	6.50
3 La Victoria, brilliant dark pink.....	.15	1.50	10.00
1 Lady Derby, delicate pink, early forcer.....	.12	1.25	9.00
2 Moreno, bright pink, broad spike, early.....	.10	1.00	7.00
3 Robert Steiger, deep crimson, medium early, fine bedder.....	.10	1.00	7.00
3 Roi des Belges, bright scarlet, early.....	.10	1.00	7.00
4 Rosa Maxima, rose, large truss, late.....	.12	1.25	9.00
3 Rose a Merveille, pink.....	.10	1.00	7.00

Single Pure White and Blush

	Each	Per Doz.	Per 100
2 Albertine, pure white, early.....	.10	1.00	7.00
2 Angenis Christina, pure white, early.....	.10	1.00	7.00
2 Blancheur a Merveille, pure white.....	.10	1.00	7.00
2 General Vetter, blush white.....	.10	1.00	7.00
2 Grandeur a Merveille, blush, late.....	.10	1.00	7.00
3 La Grandesse, pure white, large bells.....	.12	1.25	9.00
2 L'Innocence, pure white.....	.08	.85	6.50

Single Pure White and Blush (Continued)

	Each	Per Doz.	Per 100
3 Madam Van der Hoop, large spike, late.....	\$0.10	\$1.00	\$7.00
1 Mont Blanc, pure white, large spike, early.....	.15	1.50	10.00
2 Pavilion Blanc, pure white.....	.10	1.00	7.00
3 Queen of England, pure white, fine spike.....	.10	1.00	7.00

Single Blue and Purple

	Each	Per Doz.	Per 100
2 Captain Boyton, sky blue, large spike.....	.11	1.15	8.00
2 Competitor, light blue.....	.11	1.15	8.00
3 Enchantress, porcelain blue.....	.11	1.15	8.00
2 Grand Maitre, dark porcelain, medium early.....	.10	1.00	7.00
2 Grand Lilac, early, very handsome.....	.12	1.25	9.00
2 Johan, light blue, large bell.....	.11	1.15	8.00
4 King of the Blues, dark, medium early.....	.10	1.00	7.00
2 Marie, dark, large spike, medium early.....	.10	1.00	7.00
2 Potgieter, light blue.....	.11	1.15	8.00
4 Queen of the Blues, light, fine spike.....	.11	1.15	8.00
1 Regulus, light blue, dark striped, early.....	.10	1.00	7.00
2 Schotel, light blue, large spike.....	.11	1.15	8.00

Single Yellow and Orange

	Each	Per Doz.	Per 100
2 Buff Beauty, orange yellow.....	.11	1.15	8.00
3 Ida, pure yellow, early.....	.11	1.15	8.00
4 King of the Yellows, medium early.....	.11	1.15	8.00
4 McMahon, pure yellow.....	.11	1.15	8.00
3 Yellow Hammer.....	.11	1.15	8.00

250 bulbs supplied at 1,000 rate, 25 at 100 rate, 6 at dozen rate.

Vaughan's Selected Double Hyacinths

First Size Dutch Bulbs

While grown by many, Double Hyacinths do not produce as large a spike as the single sorts, especially when grown in water, yet they are exceedingly beautiful and deserve a place in every garden and home. The varieties we offer below are known to us by actual tests at our trial grounds to be the most satisfactory kinds.

Mailing weight, dozen, 3 lbs.; the price each includes postage.

Double Red and Rose

	Each	Per Doz.	Per 100
Bouquet Royal. Pink; fine spike, early.....	\$0.10	\$1.00	\$7.00
Bouquet Tendre. Carmine; medium early.....	.10	1.00	7.00
Chestnut. Bright rose.....	.11	1.15	8.00
Princess Louise. Deep red.....	.11	1.15	8.00
President Roosevelt. Very lively pink; large spike.....	.11	1.15	8.00

Double Pure White and Blush

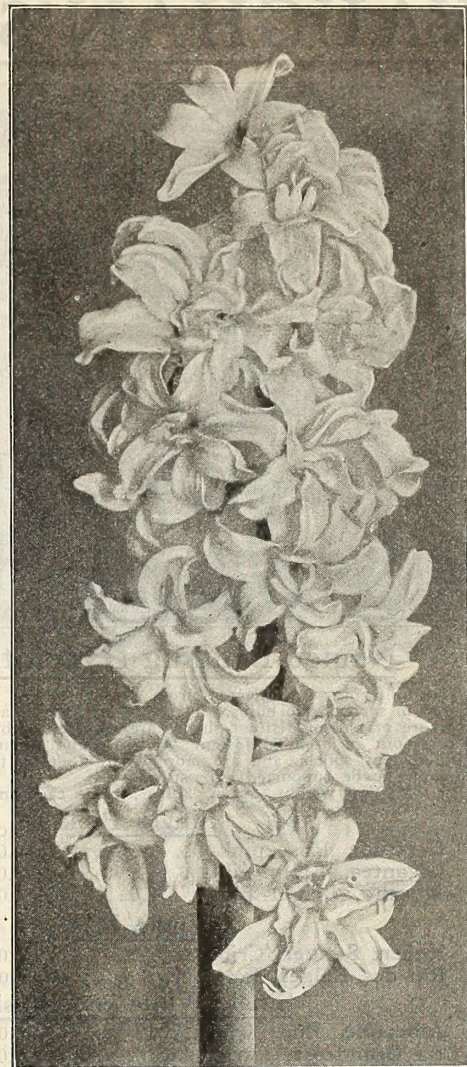
Isabella. White, suffused with rosy blush.....	.11	1.15	8.00
La Grandesse. Splendid snow-white, the best double white....	.12	1.25	9.00
La Tour d'Auvergne.....	.10	1.00	7.00
Prince Metternich. Blush white.....	.11	1.15	8.00

Double Blue, Lavender and Purple

Blocksberg. Bright porcelain-blue, shaded dark blue.....	.11	1.15	8.00
Delicate. Porcelain blue.....	.12	1.25	9.00
Garrick. Clear bright blue; large spike.....	.11	1.15	8.00
General Kohler. Best double blue; very fine for pots.....	.11	1.15	8.00
Prince Saxe-Weimar. Semi-double; late; dark blue.....	.10	1.00	7.00

Double Yellow

Goethe. Orange-yellow.....	.12	1.25	9.00
Sunflower. Splendid deep buff-yellow.....	.12	1.25	9.00



SPIKE OF DOUBLE HYACINTHS



ROMAN HYACINTHS—GROWN IN FIBER

Peachdale, R. I.
July 27, 1914.

"It may please you to know that the bulbs ordered from your house last fall forced in perfect form and were very satisfactory."

C. O. Childs,
Manager for Mrs.
Rowland Hazard.

French Roman Hyacinths

These beautiful Hyacinths are indispensable to the florist in his fall and winter cut-flower work, while to the amateur they are among the most easily cultivated and most satisfactory of flowering bulbs. The white variety, if planted early in September and slowly forced, will bloom in November. The others require from two to three weeks longer. When grown in pots or pans, they are most effective planted in groups of six or more in each. They are not hardy, and will not stand outdoors.

Mailing weight, dozen, 2 lbs.; the price each includes postage.

	Each	Per Doz.	Per 100	Per 1000
White, First Size (11-12 ctns.).....	\$0.05	\$0.45	\$3.25	\$27.00
White, Select Size (12-15 ctns.).....	.06	.60	4.00	35.00
White, Mammoth Size (13-15 ctns.).....	.08	.75	5.00	45.00
Blue.....	.05	.50	3.50	30.00
Light Pink.....	.06	.60	4.00	35.00
Dark Pink.....	.06	.60	4.00	35.00
White Italian. Red skinned.....	.08	.75	5.00	45.00

Vaughan's Rainbow Collections

Single Named Hyacinths for Window Garden

We have selected from the list of varieties on page 2 a few of the best of each color suitable for culture in pots and glasses, and offer them in collections at a reduction from the regular price. The following are the varieties:

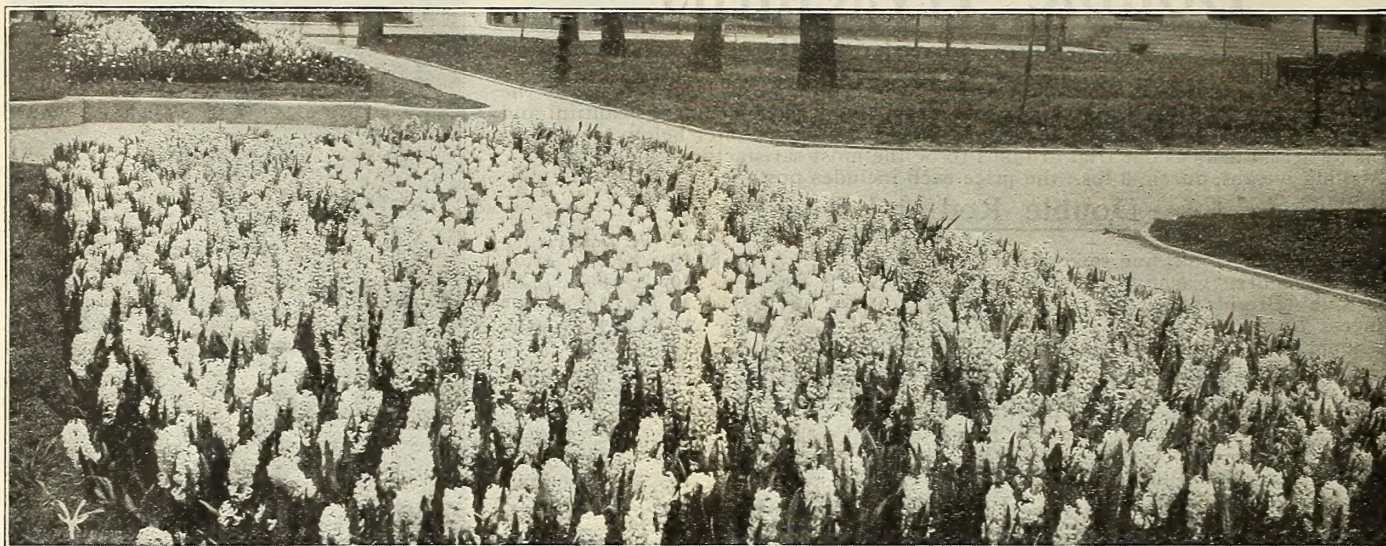
Lady Derby, Pink.	Grand Maitre, Light Blue.
Roi des Belges, Red.	King of the Blues, Dark Blue.
L'Innocence, White.	King of the Yellows, Yellow.

PREPAID PRICES—

A—6 Bulbs, one of each variety.....	\$0.50
B—12 Bulbs, two of each variety.....	1.00
C—24 Bulbs, four of each variety.....	1.90
D—36 Bulbs, six of each variety.....	2.75

Parcel Post rates are given on inside of front cover and on order sheet.

VAUGHAN'S BEDDING HYACINTHS



Named Bedding Hyacinths Second Size

The following are selected from our first size named Hyacinths, but offered in second size bulbs. They are specially adapted for beds and pots, or where masses of distinct shades are required in bloom at the same time, to carry out an intended design. All are sound, plump bulbs that will throw good upright spikes, and are more desirable than those of 1st size bulbs, that have to be supported with stakes.

Mailing weight, dozen, 2 lbs.; price each includes postage.

Single Pink

	Each	Per Doz.	Per 100
3. Gertrude, Rose pink.....	\$0.07	\$0.65	\$4.50
2. Gigantea, Light pink.....	.07	.65	4.50
2. Moreno, Bright pink.....	.07	.65	4.50

Single Red

3. Robert Steiger, Crimson.....	.07	.65	4.50
3. Roi des Belges, Scarlet.....	.07	.65	4.50

Single White and Blush

2. Albertine, Pure white.....	.07	.65	4.50
3. La Grandesse, Pure white.....	.08	.75	5.00
3. L'Innocence, Pure white.....	.07	.65	4.50
3. Madame Van der Hoop, Pure white..	.07	.65	4.50
2. Grandeur á Merveille, Blush white..	.07	.65	4.50

Single Blue

2. Grand Maitre, Dark porcelain.....	.07	.65	4.50
2. Johan, Light blue.....	.07	.65	4.50
4. King of the Blues, Dark blue.....	.07	.65	4.50
4. Queen of the Blues, Light blue....	.08	.75	5.00
1. Regulus, Light blue striped.....	.07	.65	4.50

Single Yellow

4. King of the Yellows.....	.08	.75	5.00
3. Yellow Hammer.....	.08	.75	5.00

Vaughan's "Fancy" Hyacinths

FOR BEDDING AND FORCING

This is a grade of Mixed Hyacinths which we annually import, paying the highest prices known for mixed varieties. The bulbs measure from 16 to 18 centimeters in size, are plump and sound, selected from the best named varieties suitable for this purpose.

We offer in separate colors, each color being made up from varieties of about the same shade, and will produce spikes very even in height and size. To those who do not wish to pay the highest price for best named Hyacinths, we especially recommend this grade both for pots and outdoors. We offer these fancy mixed bulbs in singles only, these being much more desirable.

Mailing weight, dozen, 2 lbs.; price each includes postage.

Blue, all shades.....	Each	Per Doz.	Per 100	Per 1000
Light Blue.....				
Red and Rose.....				
Rose.....				
Pure White.....				
White, all shades.....				
Yellow.....				
All Colors Mixed.....	\$0.06	\$0.60	\$4.00	\$35.00

Vaughan's "Medium" Mixed Bedding Hyacinths

Colors Separate

Single or double Varieties

Good sized flowering bulbs 15 centimeters (5 3/4 in.) and upwards in circumference, much larger than the Mixed Hyacinth bulbs usually sent out. They are well adapted for open ground planting in mixed borders and informal beds, and on account of their low price are also extensively forced for winter-blooming and cutting.

Mailing weight, dozen, 2 lbs.; price each includes postage.

	Each	Per Doz.	Per 100	Per 1000
Blue, all shades.....	\$0.05	\$0.45	\$3.00	\$25.00
Light Blue.....				
Red and Rose.....				
Rose.....				
Pure White.....				
White, all shades.....				
Yellow.....				
All Colors Mixed.....				

Dutch Roman or Miniature Hyacinths

Splendid for growing in pots, pans or boxes. Bulbs being selected from named varieties are fully matured. Although naturally small in size, they give very large spikes of bloom, considering the size of bulb, and are invaluable for forcing, being specially cultivated for this purpose. Five or six bulbs, planted in an eight-inch pan, make a splendid show.

Mailing weight, dozen, 2 lbs.; price each includes postage.

Single Red and Rose

	Each	Per Doz.	Per 100
Moreno. Pink.....	\$0.04	\$0.35	\$2.50
Gertrude. Clear rose.....	.04	.35	2.50
Gigantea. Blush pink.....	.04	.35	2.50

Single White

Albertine. Pure white.....	.05	.45	3.00
La Grandesse. Snow white.....	.05	.45	3.00
L'Innocence. Purest white.....	.04	.35	2.50
Mme. Van der Hoop. Pure white, large	.05	.45	3.00

Single Blue

Grand Maitre. Deep porcelain.....	.05	.45	3.00
Queen of the Blues. Light blue.....	.05	.45	3.00

Hyacinth Glasses

We offer two styles of these glasses for growing Hyacinths in water. Belgian, and Tye Shape. (See notes on page 2 regarding culture.)

PRICES

BELGIAN	Tall...each, 25c; Doz., \$2.50	
TYE SHAPE	each, 25c; Doz., 2.50	

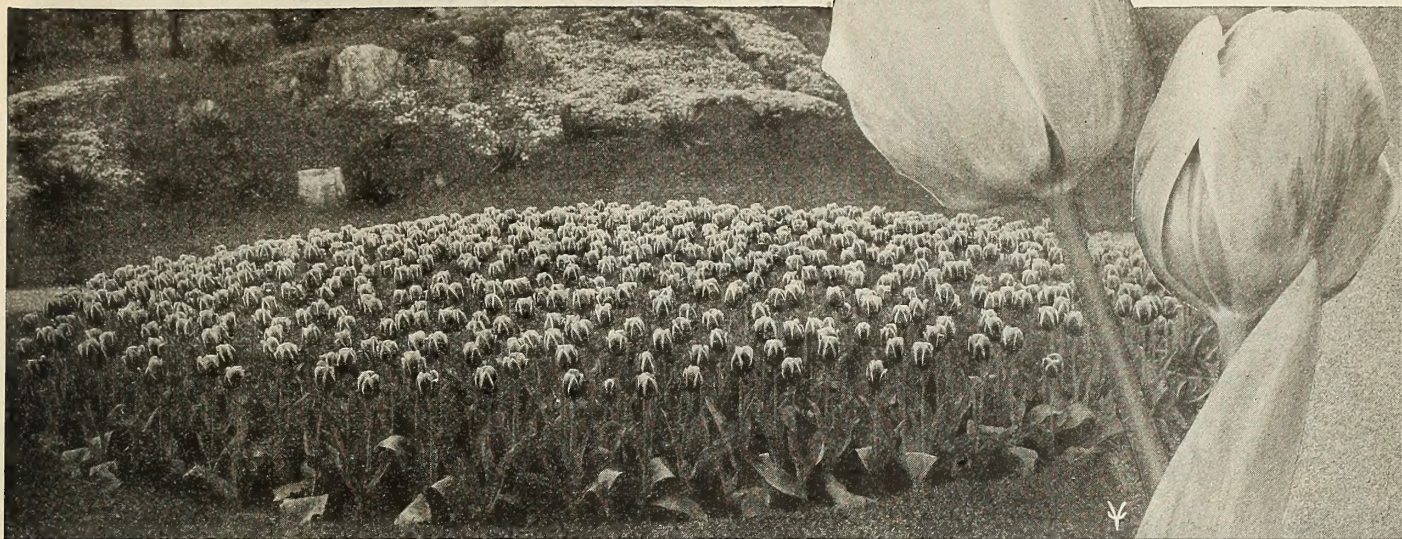


Parcel Post rates are given on inside of front cover, and on order sheet.

VAUGHAN'S SELECTED SINGLE EARLY TULIPS

For Garden Beds and Borders, Pots and Forcing

TULIP ROSE GRIS
DE LIN
and Bed of
TULIP KEIZERKROON



Tulips in beauty of form and brilliancy of colors, from the most dainty tints and blendings to gorgeous colorings, are the most popular bulbs of all for fall planting. They are perfectly hardy, and of very simple culture, and will give a brilliant display, even in the smallest town lot. Preference should be given to the named varieties, and some charming designs and effects can be produced by suitably contrasting the colors. For those who require a continuous display during April and May, the Darwin and May varieties, with their long stems and charming shades, should also be planted to follow the Early Single and Double varieties. They require cultural treatment similar to Hyacinths; the bulbs being smaller, should not be planted so deep. When grown indoors put six bulbs in a 6-inch pot or pan.

Fertilizers for Bulbs

Successful growers of such bulbs as Tulips, Daffodils, Hyacinths, etc., have found by an expensive and disappointing experience that the ammonia of fresh stable manure is absolutely fatal to bulbs. Customers sometimes come and tell us that the bulbs they purchased "never came up," and on investigation we invariably find that fresh manure of some sort had been used in the beds and the result was as stated above. If stable manure is used then it should be at least 6 or 8 months old, and dug in well underneath the bulbs. But the safest fertilizer for all bulbs is **Bone Meal**, applied at the rate of 500 lbs. to the acre or about 2 oz. to a sq. yard. Customers will do well to act by this little advice.

Explanatory: The number preceding the name of the variety denotes the height in inches, while the letters a and b indicate their earliness of bloom—the a's flower together and are the earliest; the b's flower together, but are somewhat late.

PARCEL POST: 12 bulbs weigh 1 lb., 50, 4 lbs.; 100, 7 lbs. Add postage at zone rates on inside of front cover.

Single Scarlet and Crimson

	Each	Per Doz.	Per 100	Per 1000
7b Artus, deep scarlet; a splendid bedding variety	\$0.03	\$0.20	\$1.25	\$10.00
8b Belle Alliance, brilliant scarlet good bedder or forcer	.03	.30	1.80	16.00
8a Brilliant Star (New). Bright glowing scarlet. Very early....	.07	.65	4.50	40.00
8a Couleur Cardinal, brilliant crim's'n	.04	.40	2.50	20.00
7b Cramoisi Brilliant, bright scarlet	.03	.25	1.45	12.00
7b Crimson King, crimson; good bedder	.03	.25	1.45	12.00
6a Duc Van Thol (Scarlet), for forcing only	.03	.25	1.60	14.00
6a Duc Van Thol (Crimson), for forcing only	.03	.25	1.45	12.00
7a Dusart, dark red	.03	.30	1.50	13.00
14b Grace Darling, orange-scarlet with dark blue center	.05	.45	3.00	26.00
12a Maes, rich scarlet, fine bedder...	.04	.35	2.45	22.00
8a Pottebakker Scarlet, bright scarlet	.03	.30	1.75	15.00
12a Sir Thomas Lipton, rich crimson-scarlet	.05	.45	3.00	28.00
7b Vermilion Brilliant, dazzling vermilion-scarlet, fine for pots...	.04	.35	2.25	20.00
12a Vesuvius, deep scarlet	.05	.50	2.45	22.00

Single White

6a Duc Van Thol (White), for forcing only	.03	.25	1.45	12.00
8a L'Immaculee, pure white	.03	.20	1.25	10.00
8b La Reine (first size), white, shaded rose	.02	.15	1.00	8.00
8b La Reine (extra fancy), white, shaded rose	.03	.20	1.25	10.00
9a Pottebakker White, pure white; large, showy flower (True)...	.04	.35	2.45	22.00
10a Princess Helena, pure white	.04	.35	2.25	20.00
8a Princess Marie Anne, white, rose shaded	.03	.25	1.45	12.00

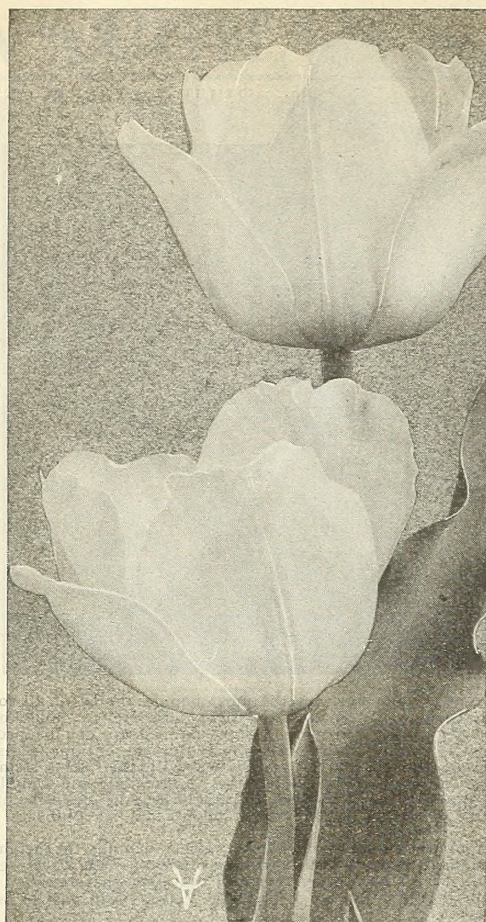
Single White—Continued

	Each	Per Doz.	Per 100	Per 1000
10a Queen of the Whites, pure white	\$0.03	\$0.30	\$1.75	\$15.00
12b Snowflake, snow-white	.03	.30	1.80	16.00
8b Von Vondel, pure wh't, fine forcer	.05	.45	3.00	25.00
15b White Swan, pure white	.03	.30	1.75	15.00
7a White Hawk, white; very fine...	.04	.35	2.25	20.00

Single Pink and Rose

12b Admiral Reynierse, large goblet shaped flowers, bright rose-pink, striped with white	.05	.50	3.50	30.00
10b American Lac, salmon-rose tinged orange, beautiful, late..	.08	.80	6.00	50.00
9b Cottage Maid, rosy pink, white striped	.03	.25	1.40	11.00
6a Duc Van Thol (Rose); for forcing only	.03	.25	1.60	14.00
8a Flamingo, carmine-rose, white shaded	.05	.50	3.50	30.00
12b La Riente, deep rose, tipped rose	.05	.45	3.00	25.00
8b Mme. Frylink, very fine pink; for forcing	.05	.45	3.00	27.00
10a Queen of the Netherlands, delicate pink	.03	.30	1.80	16.00
12b Pink Beauty, bright rose pink shading to blush-white	.06	.60	4.00	35.00
12a Princess Wilhelmina, deep rosy red, flushed white	.03	.30	1.80	16.00
9a Prosperine, glossy pink, early..	.05	.45	3.00	27.00
7b Rose Gris de Lin, delicate rose, flushed white	.03	.20	1.25	10.00
8b Rose La Reine, deep rose with white	.05	.45	3.00	25.00
7b Rose Luisante, brilliant deep pink	.04	.45	2.45	22.00
8b Rosamundi, rose, shaded white.	.03	.25	1.25	10.00
8a Vaughan's New Pink, pink, shaded white	.03	.25	1.60	14.00

Parcel Post rates are given on inside of front cover and on order sheet.



SINGLE TULIP, VAN VONDEL

Vaughan's "Regular Mixture"

Early Single Tulips

Extra Fine Single Mixed, 20c per doz.; \$1.15 per 100; 250, \$2.25; per 1000, \$9.00.
Fine Single Mixed, 15c per doz.; 90c per 100; \$7.50 per 1000.

VAUGHAN'S SELECTED DOUBLE EARLY TULIPS

WHAT we have said in the beginning about Single Tulips applies also to the Double Tulips with their mammoth peony-like flowers of brilliant and beautifully diversified colors. They are very effective in beds on lawns and terraces. The flowers last much longer in bloom than the single varieties, and consequently, when single and double are planted in one bed, the time of flowering is prolonged from two to three weeks. The early sorts do very well when grown in pots for winter blooming, but they must be forced more slowly than the single Tulips.

Explanatory. The number preceding the name of the variety denotes the height in inches, while the letters a and b indicate their earliness of bloom—the a's flower together and are the earliest; the b's flower together but are somewhat late.

PARCEL POST. 12 bulbs weigh 1 lb.; 50, 4 lbs.; 100, 7 lbs.; add postage at Zone Rates on inside of front cover.

Vaughan's "Special Mixture" of Early Double Tulips

This mixture we make up ourselves from the best named varieties and with such that will bloom about the same time, and of about the same height. Do not compare this mixture with regular mixtures which are made up by the Holland growers of cheap sorts.

Price: Doz., 25c; per 100, \$1.75; per 1000, \$15.00. For other mixtures of Double Tulips see next page.

250 bulbs of a kind supplied at 1000 rate, 25 at 100 rate, 6 at dozen rate.

Single Early Tulips—Continued

Single Yellow

	Each	Per Doz.	Per 100	Per 1000
8b Chrysolora , golden-yellow; fine bedder.....	\$0.03	\$0.30	\$1.50	\$13.00
10b Fred Moore, (New) . Deep orange, edged yellow	.03	.30	1.50	13.00
7a Gold Finch , pure yellow, sweet scented.....	.03	.25	1.60	14.00
12b Golden Lion , yellow and terra-cotta.....	.07	.65	4.50	40.00
12b Golden Queen , beautiful golden-yellow.....	.05	.50	3.50	30.00
7a Mon Tresor , pure yellow; large cup.....	.03	.30	2.00	18.00
8a Pottebakker Yellow ; fine for bedding.....	.03	.30	1.80	16.00
12b Primrose Queen , canary-yellow stained with primrose	.03	.30	1.80	16.00
12a Prince de Ligny , golden-yellow.....	.03	.30	1.75	15.00
8a Yellow Prince , golden yellow; fine forcer..	.03	.25	1.45	12.50

Single, Striped, Margined or Otherwise Colored

	Each	Per Doz.	Per 100	Per 1000
11b Cerise Gris de Lin , purplish mauve, broadly edged creamy white with yellow center...\$0.08	\$0.08	\$0.75	\$5.00	\$45.00
12b Cottage Boy , orange-red, bordered yellow..	.04	.35	2.45	22.00
9b Duchess of Parma , orange-scarlet, suffused yellow edge.....	.03	.25	1.60	14.00
6a Duc de Berlin , clear scarlet, edged yellow..	.03	.25	1.75	15.00
6a Duc Van Thol , red and yellow; very early..	.03	.25	1.45	12.00
10b Keizerkroon , red with distinct wide golden border, one of the finest early tulips.....	.04	.35	2.25	20.00
8a Prince of Austria , orange-vermilion; large flower	.03	.25	1.75	15.00
8b President Lincoln , light violet.....	.05	.45	3.00	25.00
7b Thomas Moore , apricot-orange.....	.03	.25	1.40	11.00
7b Van der Neer , violet-purple.....	.07	.65	4.50	40.00
12b Van Vondel , deep cherry-red, feathered white through center of each petal.....	.03	.30	2.00	17.00
7b Wouwerman , dark violet.....	.06	.60	4.00	35.00

Single Named Tulips—For Bedding Only

Our Selection

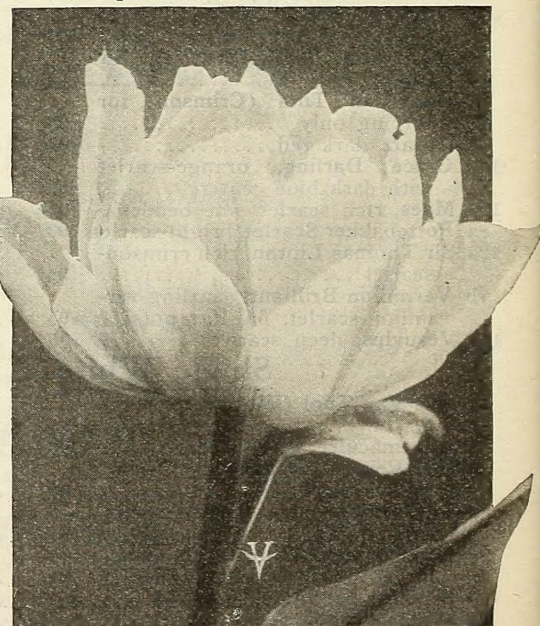
These are made up from varieties of same height, and which bloom at the same period. To be recommended for bedding where the amount to be expended is limited. **White, Yellow, Red, Pink, Variegated.**

Price, dozen, 25c; 100, \$1.40; 1000, \$11.00.

Vaughan's "Special Mixture" Early Single Tulips

We offer under this head a mixture which we make up ourselves from the very best sorts properly proportioned. We include only such varieties as will bloom about the same time and of about the same height. The colors are chosen with care so they may blend and make a harmonious bed. We recommend it as being the finest mixture in existence.

10c for 3; 25c per doz.; \$1.50 per 100; \$12.00 per 1000.



DOUBLE EARLY TULIP, MURILLO



DOUBLE TULIP LA CANDEUR

Vaughan's Selected Double Early Tulips

Double Red

	Each	Per Doz.	Per 100	Per 1000
12c Cherry Ripe , cherry-red blended with carmine rose.....	\$0.08	\$0.75	\$5.00	\$45.00
6a Duc Van Thol , scarlet; early....	.03	.30	1.50	13.00
9a Imperator Rubrorum , bright scarlet	.04	.35	2.25	20.00
12c Le Matador , scarlet with purple glow at the outside of the petal	.04	.35	2.25	20.00
8b Rubra Maxima , dazzling scarlet; splendid bedding variety.....	.03	.30	1.80	16.00
9b Vuurbaak , bright scarlet with slight flush of orange when fully open.....	.04	.35	2.45	22.00

Double White

10b Alba Maxima , the finest double white	.03	.25	1.60	14.00
10b Boule de Neige , pure white.....	.05	.50	3.50	30.00
10b La Candeur , pure white; fine bedder	.03	.30	1.50	13.00
12b La Grandesse , blush-white.....	.04	.35	2.45	22.00
8b Rose Blanche , white; good dwarf bedder	.03	.25	1.45	12.00
12b Schoonoord , (White Murillo), pure white.....	.06	.60	4.00	35.00

Double Pink

10b Couronne des Roses , bright pink; good forcer.....	.05	.45	3.00	28.00
12c Lac Von Haarlem , rosy-violet..	.08	.75	5.00	45.00
10b Lord Beaconsfield , deep rose..	.05	.45	3.00	25.00
14b Lucretia , deep rose.....	.04	.35	2.45	22.00
7a Murillo , (fancy), large pink sort suffused with white.....	.03	.25	1.45	12.00
7a Murillo (regular stock).....	.02	.20	1.25	10.00
8a Salvator Rosa , beautiful rose, fine forcer	.03	.30	2.00	18.00

Letters such as the following, quite unsolicited by us, are being constantly received, and only reiterate what we say regarding our endeavors to supply bulbs of the very highest standard only.

"I just had to tell you what beautiful Tulips my neighbor here has from the bulbs you sent for me last fall, and the Hyacinths and Narcissus were, so she tells me, a winter long joy. My nephews buy of somebody north, but I stick to Vaughan's. Thanking you very much for your care of my orders."

Harriet Pairce, Marathon, N. Y., May 10, 1915.

Double Yellow

	Each	Per Doz.	Per 100	Per 1000
12b Brimstone Beauty , soft pale yellow, shaded apricot.....	\$0.06	\$0.60	\$4.00	\$35.00
10a Couronne d'Or (Crown of Gold), beautiful rich, golden yellow; fine forcer.....	.05	.45	3.00	25.00
12b Golden King , (New), very large bloom of pure deep yellow....	.15	1.50	12.00	100.00
8a Tournesol Yellow , bright yellow, slightly shaded orange.....	.05	.45	3.00	25.00

Double Striped or Otherwise Colored

9b Count of Leicester , yellow, edged orange.....	.03	.30	1.45	12.00
6a Duc Van Thol , red and yellow..	.02	.20	1.25	10.00
9b Duke of York , red with white border	.03	.25	1.45	12.00
9a Gloria Solis , bright scarlet, yellow border.....	.03	.30	1.75	15.00
9a Rosine , white, tinged rose.....	.03	.30	1.80	16.00
8b Titan , scarlet, edged yellow....	.03	.30	2.00	18.00
8a Tournesol , red and yellow; very showy	.05	.45	3.00	25.00

Double Named Tulips

Separate Colors. Our Selection. For Bedding Only

These make a fine effect where a solid color is desired, and as their cost is not so much as the listed varieties, we are sure our customers will be pleased with results.

White	} Per Doz. Per 100 Per 1000	\$0.30 \$1.75 \$15.00
Pink		
Red		
Yellow		
Striped		

Vaughan's "Regular" Mixtures

Double Tulips

These are sent out as received from our Dutch growers and cannot of course be depended upon to give as uniform results as Vaughan's "Special" mixtures. We insist, however, on their being equally proportioned as to color and of same period of blooming.

	Doz.	100	1000
Extra Fine, Double Mixed.....	\$0.20	\$1.25	\$10.00
Fine Double Mixed.....	.15	1.00	8.00

Parcel Post rates are given on inside of front cover and on order sheet.



A GRAND BED OF DARWIN TULIP "WHITE QUEEN"

VAUGHAN'S DARWIN TULIPS

THESE beautiful tulips continue to gain in popularity, and are considered by many to be "the grandest of all tulips." The colors run into every shade from the faintest creams and pinks to scarlet, crimson, and almost jet black, and on peering into the cup-shaped blooms of some, the blending of coloring matter at the bases is indescribable. Pure yellows are absent in the Darwins, but this color can be filled from the "Cottage Varieties" (see page 9) with such sorts as Mrs. Moon, Gesneriana Lutea, Bouton d'or, etc., which flower practically at the same time, and some very pleasing contrasts can be had

with these and the darker Darwins. They are excellent for beds, and are well adapted for planting in clumps in the Perennial Border, where they will be found useful for cutting for table decoration. They can also be forced with gentle heat, but not too much, as the stems become weak, causing the flowers to droop. The number of varieties is very large, and we have selected only such varieties as we consider to be the best. The approximate height of each is given in inches. They flower in May a little earlier than the Cottage Tulips.

If by Parcel Post, 12 bulbs weigh 1 lb.; 50, 4 lbs.; 100, 7 lbs. Add postage at Zone Rates.

	Per Doz.	Per 100	Per 1000
BARONNE DE LA TONNAYE. (26 in.) Bright rose, margined blush rose; long, large flower, beautifully shaped. Each, 5c.....	\$0.50	\$3.00	\$25.00
BARTIGON. (22 in.) A beautiful variety, very large flowers of fiery crimson. Each, 7c.....	.65	4.50	40.00
BRONZE QUEEN. (26 in.) Soft golden yellow bronze. Each, 10c.....	.85	6.00	50.00
CLARA BUTT. (21 in.) Soft, salmony-pink, tinged with blush; splendid variety. (See cover illustration.) Each, 4c.....	.35	2.25	20.00
DREAM. (26 in.) Beautiful, soft, uniform lilac; large flower. Each, 6c.....	.60	4.00	35.00
EUROPE. (22 in.) Glowing salmon-scarlet, shaded rose; fine flower. Each, 5c.....	.50	3.25	30.00
FARNCOMBE SANDERS. (25 in.) Fiery rose-scarlet, inside vivid cerise scarlet with white center marked blue; flowers perfect shape. Each, 6c.....	.60	4.00	35.00
FLAMBEAU. (26 in.) Brilliant rosy scarlet with blue base; very showy. Each, 5c.....	.50	3.00	25.00
GLOW. (23 in.) Brilliant, glowing vermillion, white and blue base. Each, 5c.....	.50	3.25	30.00
GRETCHEN. (24 in.) Silvery pale rose, flushed white, inside soft pink, with white center marked blue. Each, 3c.....	.30	1.75	15.00
LEONARDO DA VINCI. (25 in.) Shining violet black. Each, 6c.....	.60	4.00	35.00
MAY QUEEN. (24 in.) Soft lilac-rose with white center. Each, 5c.....	.50	3.00	25.00
MME. KRELAGE. (28 in.) Bright lilac-rose, margined pale silvery rose; inside soft rose-pink; very large flower. Each, 5c.....	.50	3.00	27.00
MASSACHUSETTS. A very large and shapely long-stemmed flower of vivid pink. Each, 7c.....	.75	5.00	45.00
MRS. CLEVELAND. (22 in.) Beautiful delicate flesh color. Each, 6c.....	.50	3.25	30.00
NAUTICUS. (25 in.) Glowing dark cerise, center violet, shaded bronze. Each, 5c.....	.50	3.00	25.00
PRIDE OF HAARLEM. (28 in.) Bright rose, suffused with purple; an enormous flower, unsurpassed for groups because of its fine color and stately habit. Each, 5c.....	.50	3.00	25.00
PROF. RAWENHOFF. (28 in.) Cherry rose with ivory-white and blue base. Each, 7c.....	.65	4.50	40.00
PAINTED LADY. (27 in.) Creamy white, faint tinge of heliotrope on opening. Each, 5c.....	.50	3.25	30.00

	Per Doz.	Per 100	Per 1000
PSYCHE. (26 in.) Soft rose. Each, 7c.....	\$0.65	\$4.50	\$40.00
REV. H. EWBANK. (20 in.) Vivid heliotrope lilac, slightly bordered dove-gray. Each, 6c.....	.60	4.00	35.00
SIERAAD VAN FLORA. (24 in.) Bright red with blue base. Each, 7c.....	.65	4.50	40.00
SUZON. (24 in.) Soft pink with blush-white margin. Each, 8c.....	.75	5.00	45.00
SULTAN. (25 in.) Maroon-black. Each, 3c.....	.30	2.00	16.00
VELVET KING. (24 in.) Dark, glossy purple, with white base marked blue; remarkably handsome. Each, 30c.....	3.00	20.00	150.00
WEDDING VEIL. (24 in.) Creamy white, flushed lilac, clear white base, black markings. Each, 5c.....	.50	3.25	30.00
WILLIAM PITT. (22 in.) Very dark scarlet, with purple shade on the outer petals; large flower. Each, 5c.....	.50	3.25	30.00
WHITE QUEEN. (24 in.) White passing to pink. Each, 5c.....	.50	3.00	25.00
ZULU. (27 in.) Rich, velvety, purple-black; large egg-shaped flower. Each, 10c.....	.90	6.00	50.00
ZANZIBAR. (24 in.) Rich, glossy maroon, center dark blue and white. Each, 5c.....	.50	3.25	30.00

Vaughan's "Special" Mixture Darwin Tulips

This mixture contains many of the above named sorts and other new and rare varieties. We mix it ourselves and know just what it contains. Price, per dozen, 30c; per 100, \$1.80; per 1,000, \$16.00.

Vaughan's "Regular" Mixture Darwin Tulips

We receive our supply of this mixture from a Holland grower who makes a specialty of growing Darwin Tulips. They, of course, cannot be depended upon to give as uniform results as Vaughan's Special Mixture. Price, per dozen, 25c; per 100, \$1.60; per 1,000, \$14.00.

Vaughan's "Special" Collections Choice Darwin Tulips

These collections contain 12 choicest varieties of above list in quantities and assorted colors suitable for growing in pots or grouping in the border.

12 Best Varieties E—3 of each (36 bulbs), postpaid.....\$1.50
F—6 of each (72 bulbs), postpaid.....2.85

"Popular" Collections Darwin Tulips

A—1 each of 30 sorts.....\$2.00 C—3 each of 30 sorts.....\$5.00
B—2 each of 30 sorts.....3.75 D—6 each of 30 sorts.....9.50
These prices are by express at purchaser's expense.

Parcel Post rates are given on inside of front cover and on order sheet.

May-Flowering or Cottage Tulips

In our remarks about Darwin Tulips on the previous page, we named them as the "grandest of all tulips," but among tulip lovers and growers, there has been a great difference of opinion on this point, and many maintain that for brilliancy en masse, and shapeliness the "Cottage Tulips" are the most striking, to which may be added the delightful fragrance of many, such as the tall, golden Mrs. Moon, Columbus (striped), The Fawn, Gesneriana Major, and many others. They can be grown in pots (without forcing), but for bedding and massing in the Hardy Perennial Border, they show up best, and if undisturbed, increase from year to year until they become a valuable resort for cut-flower use. If Cottage Tulips in beds interfere with the early planting of summer plants, they can be lifted while the leaves are still green, and "heeled in" in any unused piece of ground, until the leaves have withered. Later they may be lifted and stored in the ordinary way, without any injury to the bulbs.

If by Parcel Post, 12 bulbs weigh 1 lb.; 50, 4 lbs.; 100, 7 lbs.; add postage at Zone rates.



VAUGHAN'S TULIPS IN GARDEN OF MR. L. S. DONALDSON, MINNEAPOLIS

GESNERIANA LUTEA

	Per Doz.	Per 100	Per 1000
BOUTON D'OR —(16 in.) Round shapely blooms of the purest gold. Fine for massing. Each 3c....	\$0.30	\$1.80	\$16.00
CALEDONIA —(20 in.) Beautiful globe-shaped flower of a bright orange-red color. Each 3c.....	.30	1.75	15.00
COLUMBUS (Gala Beauty)—(16 in.) Velvety crimson, striped with old gold. Outer petals pointed and reflexed. Sweet scented. Each 15c.....	1.65	12.00	110.00
ELEGANS —(16 in.) Dark crimson. Outer petals reflexed. Very effective. Each 4c.....	.35	2.25	20.00
ELEGANS ALBA —(20 in.) White, reflexed petals margined rosy red. Each 8c.....	.75	5.00	45.00
ELEGANS LUTEA (Golden Spire)—(18 in.) Immense pure yellow, the edges of the petals faintly tipped red. Almost as fine as Mrs. Moon, but not so tall. Each 6c.....	.65	4.50	40.00
ELLEN WILLMOTT —(20 in.) Long pointed bloom of pale primrose yellow, edged golden yellow. Sweet scented. Each 6c.....	.65	4.50	40.00
EMERALD GEM —(18 in.) Rich coral shrimp red, with beautiful sea-green base. Very durable in hottest sun and distinctly perfumed of Sweet Pea. Each 6c.....	.60	4.00	35.00
FAIRY QUEEN —(20 in.) Oblong blooms of rosy heliotrope blending into a golden yellow at the edges of petals. Very distinct. Each 6c.....	.60	3.50	30.00
GESNERIANA LUTEA —(20 in.) A very shapely bloom of the purest yellow; distinctly sweet scented. One of the best yellow tulips in existence. Each 4c.....	.35	2.25	20.00
GESNERIANA LUTEA PALLIDA (Mrs. Keightley)—(20 in.) A pale primrose form of the preceding, highly perfumed, and a little earlier. A charming tulip. Each 5c.....	.50	3.00	25.00
GESNERIANA MAJOR (Spathulata Major)—(24 in.) Rich crimson-scarlet, with blue basal blotch. One of the best of its color for park planting, or large garden beds. Sweet scented. Each 3c....	.30	1.80	16.00
GESNERIANA "ORANGE GLOBE" —(22 in.) Brilliant scarlet, shading to orange. A grand contrast with Gesneriana Lutea Pallida. Each 3c.....	.30	1.80	16.00
GLARE OF THE GARDEN —(18 in.) Large egg-shaped blooms of rich velvety crimson, with black and gold base. Pronounced to be the finest of all late crimson tulips. Each 5c.....	.50	3.25	30.00
ISABELLA (Shandon Bells)—(15 in.) A beautiful variety with large handsome flowers. Color primrose, flushed rose, changing to rosy-red. Each 3c	.30	1.45	12.00
INGLESCOMBE PINK —(24 in.) Extra fine flower of a beautiful salmon pink, shaded with blue base. Each 4c.....	.35	2.25	20.00
INGLESCOMBE SCARLET —(16 in.) Brilliant vermilion with a black base. Each 5c.....	.50	3.00	27.00
INGLESCOMBE YELLOW —(18 in.) A fine, large, globe-shaped flower, color, full rich yellow; sometimes called Yellow Darwin. Each 6c.....	.60	4.00	35.00

	Per Doz.	Per 100	Per 1000
IXIOIDES —(20 in.) Long pointed tulip of the purest yellow, with jet black base. When open resembles a giant Ixia, from which it derives its name. Each 12c.....	\$1.25	\$9.50	\$90.00
JAUNE D'OEUF —(22 in.) Outside petals rose and orange, inside bronze and yellow. Very distinct. Each 5c.....	.50	3.25	30.00
LA MERVEILLE —(20 in.) Extra large fragrant flower, color scarlet, suffused with apricot-orange. Each 3c.....	.25	1.50	13.00
LEGHORN BONNET —(18 in.) Beautiful pale straw yellow. The broad, thick petals form a peculiar and distinct three-sided bud, not found in other tulips. Each 5c.....	.50	3.00	25.00
MACROSPILA —(18 in.) A glowing crimson-scarlet with deep zone of black and yellow; splendid for cutting. Each 3c.....	.25	1.50	13.00
MAIDEN'S BLUSH (Picotee)—(20 in.) A long-shaped flower, pure white, with beautifully recurved petals, margined rose. Each 3c.....	.30	1.60	14.00
MRS. MOON —(30 in.) This is beyond doubt the finest late yellow tulip in existence. The blooms are long and pointed, the outer petals reflexed. Distinctly perfumed. Highly recommended for bed and border centers in park planting. Each 7c	.75	5.00	45.00
MOONLIGHT —(20 in.) New. Oblong blooms, of delicate pale yellow. Very distinct. Each 8c....	.85	6.00	55.00
PRIMROSE BEAUTY —(14 in.) Soft primrose changing to white. Each 3c.....	.30	2.00	18.00
PARISIAN WHITE —(14 in.) Pure white, edged silvery-pink; beautiful globe-shaped flowers. Each 4c.....	.35	2.25	20.00
PARISIAN YELLOW —(22 in.) Large, handsome, clear yellow flowers, borne on long stems; fine for cutting. Each 3c.....	.30	2.00	18.00
ROYAL WHITE —(14 in.) Pure white with yellow center. Each 5c.....	.50	3.25	30.00
SWEET NANCY —(18 in.) Pure white, edges margined and penciled with pink. Each 3c.....	.25	1.50	13.00
THE FAWN —(20 in.) Egg-shaped bloom of a rosy fawn color, edged creamy white. One of the prettiest of all late tulips. Each 6c.....	.60	4.00	35.00
VITELLINA —(22 in.) A charming flower of an exquisite pure pale primrose shade. Each 6c....	.60	4.00	35.00

Vaughan's "Special" Mixture

This mixture contains many of the above named sorts and other new and rare varieties. We mix it ourselves and know just what it contains. The result from a planting of 100 bulbs will be dazzling, and we strongly advise our customers to order at least this many bulbs.

Per dozen, 30c; per 100, \$1.50; per 1000, \$12.00.

Collections, Cottage Tulips—see next page.

250 bulbs of a kind supplied at 1000 rate; 25 at 100 rate; 6 at dozen rate.



PARROT TULIPS

Cottage Tulips—Continued

Vaughan's Collections of Cottage Tulips

"Popular" Collections

In order to enable our customers to make a trial of these splendid Tulips, we offer below a few collections:

1 each of 15 varieties (our selection).....	\$0.50	postpaid
2 each of 15 varieties (our selection).....	.95	postpaid
3 each of 15 varieties (our selection).....	1.25	postpaid

"Novelty" Collection

We offer this collection this year so that our customers may purchase "the pick of the bunch" at a very moderate price, at the same time to note their qualities for reference when ordering in future. **Don't miss this opportunity.**

Ellen Wilmott.....	Ges. Lutea Pallida.....	} 3 of Each, 10 Varieties Carefully named for \$2.00 postpaid
The Fawn.....	Mrs. Moon.....	
Fairy Queen.....	Emerald Gem.....	
Ixioides.....	Moonlight.....	
Glare of the Garden.....	Columbus.....	

Old-Fashioned Late-flowering Striped Tulips

If by mail, weight same as other Tulips.

Per Doz. Per 100 Per 1000

Bizarres—Flowers beautifully blotched, striped and feathered with crimson, pink, scarlet, rose, lilac and purple, on yellow ground. Each 3c..	\$0.25	\$1.50	\$13.00
Bybloemens—White ground, blotched, striped or feathered with lilac, purple, violet, blue. Each 3c.....	.30	2.00	17.00

Breeder (Old Dutch) Tulips

Breeders are the unbroken forms of the old Florist Tulips. They were formerly listed among the Cottage-Tulips but they really form a distinct class by themselves. Their purple, maroon or terra cotta colors with enormous size and vigorous growth, make them very valuable; flowers have unusual lasting qualities and are very sweet scented. They should be treated in the same way as Darwins, but cannot be forced.

If by Parcel Post, 12 bulbs weigh 1 lb.; 50, 4 lbs.; 100, 7 lbs.

Add postage at Zone rates.

	Each	Per Doz.	Per 100	Per 1000
Cardinal Manning. (28 in.) Dull wine-red, flushed rosy brown....	\$0.06	\$0.65	\$4.50	\$40.00
General Ney. (25 in.) Old gold with olive.....	.15	1.40	10.00	90.00
Medea. (24 in.) Salmon, carmine red.....	.05	.45	3.25	30.00
Roses Des Dames. (23 in.) Dark rosy lilac, almost a dark pink....	.10	.90	6.00	50.00
Yellow Perfection. (24 in.) Light bronze-yellow, edged-yellow....	.12	1.25	9.00	80.00
VAUGHAN'S BEST MIXED—Extra fine.....	.03	.30	2.00	18.00

NARCISSUS MME. DE GRAAFF
GROWING IN FIBER

Use BONE MEAL in your potting mixture for bulbs, 3 lbs. to the bushel.
5 lbs., 25c; 10 lbs., 50c; 100 lbs., \$2.25.

Parrot or Dragon Tulips

Their fringed and corrugated petals with their wonderful variation make these old-fashioned flowers the most curious of all Tulips. Flowering at the same time as other late sorts, they are entirely distinct from any other; the flowers are thick-petaled with extra long stems, and keep extremely well after being cut. The average height of them is about 15 inches.

If by Parcel Post, 12 bulbs weigh 1 lb.; 50, 4 lbs.; 100, 7 lbs.

Add postage at Zone rates.

Each Per Doz. Per 100 Per 1000

Admiral de Constantinople. Red, tipped orange.....	\$0.03	\$0.25	\$1.50	\$13.00
Lutea Major. Bright yellow; large.....	.03	.25	1.50	13.00
Markgrave. Yellow, striped scarlet and green.....	.03	.25	1.00	13.00
Perfecta. Yellow, striped red.....	.03	.25	1.50	13.00
Couleur Cafe. Brown and yellow..	.03	.25	1.50	13.00
Cramoisie Brilliant. Deep crimson with large black star-shaped center.....	.03	.25	1.50	13.00
Gloriosa. Red and yellow.....	.03	.25	1.50	13.00
SUPERFINE MIXED.....	.02	.20	1.25	10.00

Special Offer Parrot Tulips

A. One each, 7 varieties, postpaid.....	\$0.15
B. Six each, 7 varieties, postpaid.....	.75

Fiber for Growing Bulbs in Vases, Bowls, Etc.

(Without Drainage)

For those who have neither a garden, or the conveniences of greenhouses, or have a difficulty in obtaining suitable soil, we would recommend this system of culture. Any receptacle may be used for the purpose provided it is non-porous.

CULTURAL INSTRUCTIONS

The bulbs are potted the same way as in ordinary soil just showing their tops. It is not necessary or desirable to press the fiber tightly, otherwise the roots do not work freely, and bulbs have a tendency to push themselves upwards. Once potted, they require hardly any attention, only great care should be taken to keep the compost moist, but on no account must it be sodden or too wet.

If once allowed to become dry, even for half a day only, the pores of the roots close up and the bulbs in many cases go blind and are ruined.

When the bulbs have been potted, vases or jars should be kept in a dark, airy cellar or room.

When the bulbs have grown about one inch, they should be brought into more light, and the vases or bowls can be placed in the window, taking care, of course, to keep them from frost. Per qt., 10c; peck, 50c; bushel, \$1.00.

Parcel Post rates are given on inside of front cover and on order sheet.

Vaughan's "Model" Tulip and Hyacinth Beds

In order to assist those of our customers who are not familiar with the arranging of beds, we offer the following collections. We, of course, take special care to select only such varieties as will flower at the same time and be of the proper height. Many brilliant color effects can be produced from Tulips that are impossible to secure with other plants. We shall be pleased to advise our customers with regard to other shapes and designs of beds that they may have, advising number of bulbs required. Prices quoted are for shipment by express at purchaser's expense.



BEDS OF TULIPS AND HYACINTHS

TULIPS—Round Beds, 6 Feet in Diameter, Bulbs Planted 4 Inches Apart

No. 1. 150 Belle Alliance (scarlet) center, edged with two rows of 120 *Chrysolora* (yellow) on the outside\$4.50

No. 2. 150 Cottage Maid (pink) center, edged with two rows of 120 Cottage Boy (orange red) on the outside..... 5.00

No. 3. 150 Keizerkroon (red, yellow bordered) on the inside, edged with two rows of 120 *Chrysolora* (yellow) on the outside.....\$5.00

No. 4. 50 *Chrysolora* (yellow) center, 100 Artus (red) inner two rows, 120 La Reine (white) outside two rows..... 3.50

No. 5. 150 *Gesneriana Spathulata* (scarlet) on the inside, edged with two rows of 120 *Gesneriana Lutea* (yellow)\$5.50

No. 6. 150 Darwin Tulips *Pride of Haarlem*, (scarlet) on the inside, edged with 120 Clara Butt (pink). 7.00 (For other sizes see table below.)

The following suggestions of color combinations of late Tulips will be found to produce pleasing beds.

COTTAGE VARIETIES:

Mrs. Moon, yellow (center) *Macropisla*, crimson (outside)
Inglescombe Scarlet, (center) The Fawn, rosy white (outside)
La Merveille, flame (center) *Gesneriana Lutea Pallida* primrose (outside)

DARWIN VARIETIES:

The Sultan, purplish black Suzon, pink (outside) (center)
Pride of Haarlem, carmine and White Queen, pinkish white blue, (center) (outside)
Baronne de la Tonnaye, Silvery Velvet King, violet purple (outside) (center)

HYACINTHS—Bulbs Should be Planted 6 Inches Apart

No. 1. Round Bed. 5 ft. Diameter. Bulbs 6 in. apart; 100 Bulbs in 4 choice colors.
1st Size Named Hyacinths.....\$7.00
Fancy Bedding Hyacinths..... 4.00
Medium Bedding Hyacinths..... 3.00

No. 2. Square Bed. 6 ft. across. Bulbs 6 in. apart; 200 Bulbs in 3 choice colors.
1st Size Named Hyacinths.....\$14.00
Fancy Bedding..... 8.00
Medium Bedding..... 6.00

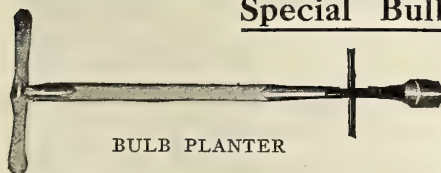
No. 3. Oblong Bed. 6 ft. x 3 ft. Bulbs, 6 in. apart; 60 Bulbs in 2 colors.
1st Size Named Hyacinths.....\$4.20
Fancy Bedding Hyacinths..... 2.40
Medium Bedding Hyacinths..... 1.80

Quantities for larger or smaller beds can be reckoned by reference to the following table.

NUMBER OF BULBS REQUIRED FOR PLANTING CIRCULAR BEDS

Diameter of Bed	3 inches apart	4 inches apart	6 inches apart	8 inches apart	Diameter of Bed	3 inches apart	4 inches apart	6 inches apart	8 inches apart
3 Feet.....	127	95	37	...	8 Feet.....	817	469	217	127
4 ".....	217	127	61	37	9 ".....	1027	650	271	156
5 ".....	331	225	91	69	10 ".....	1261	721	331	190
6 ".....	469	271	127	78	11 ".....	1519	940	397	240
7 ".....	631	410	169	96	12 ".....	1801	1027	469	271

Special Bulb Planter



BULB PLANTER

hand to fill in the holes when the bulbs have been put in, it being only necessary to remove a little of the soil from the bottom of the sod. A time must be chosen for planting when the ground has become softened after early autumn rains and not when in a hard and baked condition, as it is then impossible to use this or indeed any other tool with success. Each (in Chicago) \$3.75; (in New York) \$3.50.

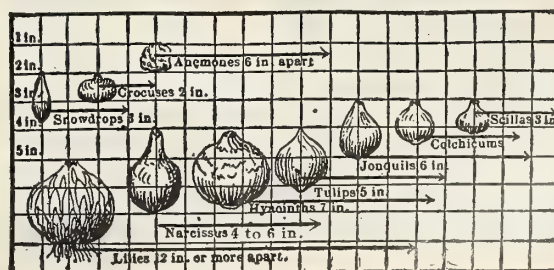
Special Bulb Dibber



Specially designed for dibbling bulbs into borders, etc.; steel shod, with strong iron tread and cross wooden handle; a good strong heavy tool, weight about 6¾ lbs., length 36 inches over all. Each (in Chicago) \$3.75; (in New York) \$3.50.

250 bulbs of a kind supplied at 1,000 rate; 25 at 100 rate; 6 at dozen rate.

Depth at Which Bulbs Should Be Planted.—Many of our customers are frequently puzzled to know the proper depth and distance apart at which bulbs should be planted. The accompanying diagram, reproduced from *Popular Gardening*, conveys the information much more clearly and briefly than we could describe it. The chart will bear careful study. Outdoor planting should be done early in the fall to secure healthy plants, vigorous foliage and beautiful flowers.



Vaughan's Choice DAFFODILS or NARCISSI

There is no flower of recent years that has forged its way to the front, and come into greater demand than the Daffodil in the beautiful forms and colors in which it presents itself today; and though heretofore Hyacinths and Early Tulips have taken the lead as the best spring flowers, we foresee the Daffodil in a conspicuous place in the annual procession of garden flowers in future. Today fabulous prices are paid for even one bulb of some of the new hybrids, and the number of varieties catalogued by growers is astounding, and often confusing. The varieties we offer are all choice, distinct types of the different groups, and prices will be found to suit all buyers. Being perfectly hardy (with the exception of the Polyanthus varieties) they do well planted in any location; they increase in size, and flower year after year. Groups of Daffodils in borders of hardy herbaceous plants, and along the edges of shrubbery beds, are exceedingly effective and very beautiful. They are equally valuable for winter flowering in greenhouses or window gardens, and growing in pots or pans for house decoration. Three or four bulbs can be planted in a 6-inch pan and should be given same treatment as Hyacinths. For outdoor culture bulbs should be planted 5 or 6 inches apart, according to size of bulbs.

Classification of Daffodils or Narcissi

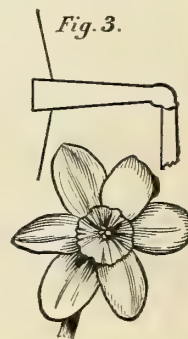
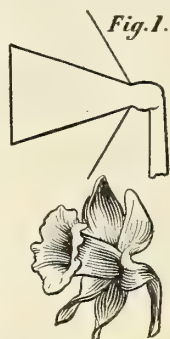
In order to simplify matters for making a selection, the following

few explanatory remarks will be found helpful:

"Daffodils" or "Narcissi," whichever one wishes to term them, are divided into three main divisions: (A), **MAGNI CORONATI**, large trumpet Daffodils; (B), **MEDIO CORONATI**, medium sized trumpets, and, (C), **PARVI CORONATI**, small cupped varieties. If a Narcissus bloom is examined, it will be found to consist mainly of two parts:

(1), a long, expanding tube, and, (2), a perianth (the petals or perianth segments), bending outwards from the tube; the three classes mentioned above depend upon the point on the tube or trumpet at which the petals are attached. When they come from the base so that the whole tube forms

the trumpet, the flower belongs to the **Magni Coronati** (Fig. 1). When they come further forward on the tube, thus shortening the trumpet in front by about half, it belongs to the **Medio Coronati** (Fig. 2), and when the perianth is still more forward until the trumpet appears small-cupped or saucer-shaped, this is a type of **Parvi**



NARCISSUS KING ALFRED

Coronati (Fig. 3). Example 1.—King Alfred; example 2.—Gloria Mundi; example 3.—Incognita. Polyanthus Narcissi, Double Narcissi, and Jonquils are too distinct to need mentioning here.

Large Trumpet Narcissi—All Yellow

If by Parcel Post, Large Bulbs, 12 weigh 1½ lbs.; 50, 5 lbs.; 100, 10 lbs.

Mammoth Bulbs, 12 weigh 3 lbs.; 50, 9 lbs.; 100, 18 lbs. Price, "each," includes postage. Add postage at Zone Rates.

Per Doz. Per 100 Per 1000

Ard Righ (Irish King). Full yellow perianth, with rich golden yellow trumpet. Forces well. Each, 5c.....\$0.50 \$3.00 \$25.00

EMPEROR. A magnificent sort. The entire flower is a rich yellow; trumpet of immense size and petals so broad that they overlap. Three of these bulbs planted in a 6-in. pot will make a splendid show.

Large Bulbs. Each, 5c......40 2.50 20.00

Mammoth Bulbs. Each, 7c......50 3.50 30.00

Golden Spur. A tall, vigorous, golden yellow flower, with healthy green foliage. Fine for beds or pots. Very early.

Mammoth Bulbs. Each, 8c......60 4.00 35.00

Large Bulbs. Each, 5c......40 2.50 20.00

GLORY OF LEIDEN. Immense flowers of majestic appearance; very long, fluted trumpet, rich golden yellow; the perianth segments are very broad, and overlapping; this variety deserves first place in any Narcissus collection; late. Each, 15c.....1.40 10.00 90.00

Henry Irving. A beautiful pure yellow flower with broad spreading perianth and fine trumpet. A good forcer, and showy in beds.

Each, 5c......40 2.50 20.00

KING ALFRED. "The King of Yellow Daffodils." Tall, vigorous, golden-yellow flower, of elegant form. The expanded trumpet measures 2½ inches in diameter, the perianth proportionately large and segments gracefully twisted. Height, 24 inches. Each, 60c.....6.50 50.00

Obvallaris. (Tenby Daffodil.) A vigorous early pure yellow daffodil. Good for beds or pots. Each, 4c......30 2.00 17.00

SHAKESPEARE (New). An extra fine seedling; beautiful, erect and bold flower with large broad light yellow perianth, and an immense golden-yellow trumpet. Each, 30c.....3.00 20.00

Spurius Major. (Single Von Sion.) Flower large and of a uniform deep golden yellow. Highly prized as an early-forcing sort and largely planted for outside bedding. Each, 4c......30 2.00 16.00

Trumpet Maximus. Pure golden-yellow; large expanded trumpet with frilled reflexed brim. Each, 4c......30 2.00 16.00

Parcel Post Rates are given on inside of front cover, and on order sheet.

NARCISSUS GLORY OF LEIDEN
(Much Reduced)

Large Trumpet Narcissi—Continued

Bicolors

White or cream perianth segments with primrose, or deep yellow trumpets.

If by Parcel Post: Large Bulbs, 12 weigh 1½ lbs.; 50, 5 lbs.; 100, 10 lbs. Mammoth Bulbs, 12 weigh 3 lbs.; 50, 9 lbs.; 100, 18 lbs. Price "each" includes postage. Add postage at Zone rates.

Per Doz. Per 100 Per 1000

DUKE OF BEDFORD. (New.) A bicolor of massive proportions; perianth pure white, 4½ inches across, with large expanding clear yellow trumpet, measuring 2½ inches at brim. Broad deep green foliage. Each, 60c. \$6.50 \$50.00

Empress. This makes a fitting companion to Emperor, and we think it one of the finest of bicolors. The trumpet is of a rich yellow, with a perianth of snow-white petals; flowers bold and erect.

Large Bulbs. Each, 5c.40 2.50 \$20.00
Mammoth Bulbs. Each, 7c.50 3.50 30.00

J. B. M. Camm. Perianth white, with a cream-colored trumpet, a most beautiful flower, one of the finest white-winged varieties. Each, 6c.50 3.50 30.00

Mme. Plemp. Pure white perianth with broad overlapping segments. Fine yellow trumpet of great substance. Each, 6c.50 3.00 28.00

Mrs. Walter T. Ware. A perfect shaped, very free and early blooming Daffodil with pure white perianth and well expanded, beautifully recurved, golden yellow trumpet. Each, 5c.40 2.50 20.00

Princes Maximus. A very popular variety, being used extensively for naturalizing in woodlands or along streams; one of the best forcing sorts, being very early; perianth sulphur yellow, trumpet rich yellow.

Mammoth Bulbs. Each, 4c; per doz., 25c; per 100, \$1.60; per 1,000, \$14.00.

Large Bulbs. Each, 3c; per doz., 25c; per 100, \$1.25; per 1,000, \$10.00.

VICTORIA. Flowers large and erect, with creamy-white perianth of remarkable breadth and good quality; the trumpet is a clear rich yellow, and frilled at mouth.

Mother Bulbs. Each, 8c; per doz., 60c; per 100, \$4.00; per 1,000, \$35.00.

Large Bulbs. Each, 4c; per doz., 30c; per 100, \$2.00; per 1,000, \$18.00.

All White

White perianths with white or sulphur trumpets, which change to white as the flowers mature.

If by Parcel Post: 12 Bulbs weigh 1½ lbs.; 50, 5 lbs.; 100, 10 lbs. Add postage at Zone rates.

Per Doz. Per 100 Per 1000

MME. DE GRAAFF. The grandest of white daffodils. Broad white overlapping perianth segments, with cream trumpet, changing to white, beautifully expanded and rolled back. Each, 15c. \$1.50 \$10.00 \$90.00

Mrs. Thompson. Large and handsome, with an elegantly frilled trumpet. It first appears primrose, changing with age to pure white. A strong grower, early and free bloomer. Each 3c.30 2.00 16.00

W. P. Milner. Beautiful pure sulphur yellow. Distinct free-flowering. Each, 5c.50 3.00 26.00

VAUGHAN'S "AMATEUR" COLLECTIONS Large Trumpet Narcissi

These prices quoted are by express at purchaser's expense.

G—1 each of 15 Trumpet sorts for.....\$0.50
H—3 each of 15 Trumpet sorts (45 bulbs) for.....1.25
K—6 each of 15 Trumpet sorts (90 bulbs) for.....2.35



NARC. DUKE OF BEDFORD (Much Reduced)

VAUGHAN'S COLLECTIONS Large Trumpet Narcissi

"POPULAR" COLLECTIONS

An excellent assortment for pot culture or planting in clumps on the lawn.

Emperor (yellow)	} 3 of each A for 40c postpaid	} 6 of each B for 70c postpaid	} 12 of each C for \$1.25 by express
Empress (bicolor)			
Golden Spur (yellow) ..			
Mrs. Thompson (white)			

"NOVELTY" COLLECTIONS

We offer this collection to encourage the growing of some of the newest Narcissi, whose beauty and form cannot be realized from book description. Some idea of their merits may be gathered from the fact that when first introduced, these varieties found a ready sale at \$25 and \$50 per bulb.

King Alfred (yellow).....	} 1 of each D for \$1.40 postpaid	} 3 of each E for \$4.00 postpaid
Duke of Bedford (bicolor)..		
Shakespeare (yellow)		
Mme. de Graaff (white)....		



NARCISSUS MME. DE GRAAFF

250 bulbs of a kind supplied at 1000 rate; 25 at 100 rate; 6 at dozen rate.



NARCISSUS BLACKWELL

exceedingly hardy, and are well adapted for planting out permanently in grass or in the Hardy Plant Border.

If by Parcel Post, weights of all bulbs on this page are as follows: 12 bulbs, 1 lb.; 50, 5 lbs.; 100, 10 lbs. Add postage at Zone Rates.

	Per Doz.	Per 100	Per 1000
Autocrat —A flower of exquisite shape; perianth and cup a uniform pure yellow. Excellent. Each, 4c.	\$0.30	\$1.80	\$16.00
Beauty —Sulphur-yellow perianth, large yellow cup margined orange-scarlet, splendid grower. Each, 8c.	.60	4.00	35.00
BLACKWELL —One of the earliest in this section and a splendid forcing variety. Perianth primrose yellow, of good substance, with a long tubular cup, orange-red to the base. Each, 30c.	3.00	20.00	
C. J. Backhouse —Pale yellow spreading perianth, with a long cup of glowing orange-red. Each, 5c.	.40	2.45	22.00
Gloria Mundi —A lovely flower with fine, bold, clear rich yellow perianth, large cup, much expanded, and very heavily stained orange-scarlet; handsome and striking. (See cover.) Each, 15c.	1.60	12.00	110.00
HOMESPUN —(Primrose Sir Watkin). One of the finest of all yellow Incomparabilis. Color clear uniform yellow, perfect form, substance and quality. Has received more awards than almost any other Daffodil. (See illustration p. 15.) Each, \$1.	10.00	75.00	
Lucifer (New) —Long white segments, long narrow cup, color intense glowing orange-scarlet. Splendid garden plant, as color lasts well in the sun. Each, 20c.	2.00	15.00	120.00
QUEEN SOPHIA —Perianth sulphur yellow, with an immense, expanded, crinkled cup, heavily stained orange-red. Each, 12c.	1.00	7.00	60.00
Sir Watkin —A well known daffodil, excellent for large plantings, or growing in pots. Full perianth of pure yellow with large rich golden trumpet. (See cover.)			
Large Bulbs, each, 4c.	.30	2.00	18.00
Mammoth Bulbs, each, 6c.	.50	3.00	25.00

Leedsii or White Incomparabilis

Also Called the Eucharis-flowered Narcissus

All have white perianths with white or sulphur trumpets. One of the most beautiful classes for cutting of all daffodils.

If by Parcel Post, weights same as above.

	Per Doz.	Per 100	Per 1000
DUCHESS OF WESTMINSTER —A most refined and graceful flower, with a large white spreading perianth, and long pale canary cup, which later passes to pure white. Each, 20c.	\$2.00	\$15.00	\$120.00
Marie DeGraaff —Broad, white perianth petals and widely expanded primrose crown, often suffused with orange or a terra-cotta shade. Each, 4c.	.30	2.00	18.00
Mrs. Langtry —A remarkably free flowering variety, broad white perianth, and white cup opening pale primrose. Valuable for naturalizing. Each, 3c.	.25	1.50	12.00
WHITE LADY —A giant-flowering variety resembling a White Sir Watkin. Large broad pure white perianth and a bold frilled cup of pale citron passing to white. Each, 15c.	1.60	12.00	110.00

Quantities required for planting beds of various sizes and depth at which to plant bulbs, are given on page 11.

Medium Sized Trumpets or Incomparabilis Narcissi

This class includes many of the most beautiful and useful Daffodils for bedding, naturalizing and border planting. Strong growers, hardy and free bloomers. When forced for winter flowers they are splendid and when used as a cut flower are very decorative.

We include under this heading the beautiful Leedsii kinds, which belong to it only in shape, but are quite distinct in color. All have the purest white perianths and as a rule white cups, though some are often shaded primrose or faint buff-orange. They make excellent pot plants; force well, being valuable in this respect for early white flowers. They are also



NARCISSUS INCOGNITA

Small Cupped or Star Narcissi

To this class belong the most interesting of all Narcissi, and includes the Barri, Burbidgei, Englehearti (Flat trumpet) sorts. The cups are usually tipped red, or entirely orange scarlet, and are dainty flowers for pot culture, or nooks in the garden. Firebrand and Incognita, which we offer this year, have extraordinary brilliant cups, and will quite surprise all daffodil lovers. Plant in semi-shade, as strong sunlight is liable to burn the red cups.

Barri Conspicuus—A flower of exquisite beauty, unexcelled for cutting; large, broad spreading perianth, broad, short cup conspicuously edged bright orange-scarlet. Lasts long in water. Each, 3c; per doz., 20c; per 100, \$1.25; per 1000, \$10.00.

FIREBRAND (New)—A grand introduction. Large spreading creamy white perianth with a crinkled trumpet, brilliant fiery red to the base. Planted in pots they are extremely fascinating. Each, 10c; per doz., 85c; per 100, \$6.00; per 1000, \$50.00.

Flora Wilson—A large pure white perianth; yellow crown deeply stained with orange red. Each, 6c; per doz., 50c; per 100, \$3.50; per 1000, \$30.00.

INCOGNITA (New)—A beautiful flower, with large white perianth, large, flat cup of a beautiful orange apricot color, margined cinnamon-buff. One of the finest of recent introductions. Each, 60c; per doz., \$6.50; per 100, \$50.00.

Vaughan's Collections of Medium and Small-Cupped Narcissi

Delightful in pots, grouped in the border, or in clumps on the lawn. (Buy one of these collections and have something better than your neighbor.)

"Novelty" Collections

Homespun White Lady
Blackwell Firebrand
Incognita
(A)—One of each for \$2.00; Postpaid.
(B)—Three of each for \$5.00; Postpaid.

"Special" Collections

These collections are excellent value, and well suited for growing in pots.
(C) 1 of each in 12 good sorts, postpaid \$0.45
(D) 3 of each in 12 good sorts, postpaid 1.00
(E) 6 of each in 12 good sorts, postpaid 1.95
(F) 12 of each in 12 good sorts, by exp. 3.75
For Daffodils for naturalizing in grass, or hardy plant border, see page 1.



Vaughan's Daffodils or Narcissi—Continued



NARC. ALBA PLENA ODORATA (See p. 16)



TYPE OF NARCISSUS POETICUS



NARCISSUS HOMESPUN (See p. 14)

Poeticus Narcissus

POET'S NARCISSUS OR PHEASANT-EYE

These are a beautiful class of daffodil. The flowers vary in perianth diameter from 2½ to 4 inches. The segments are pure white, overlapping in the newer varieties, and flat cup is yellow, usually edged scarlet, or sometimes entire scarlet. They have a delightful perfume, and make grand indoor plants in pots, the earlier ones forcing well if desired. They are also adapted for planting in the garden, woods, or amongst shrubbery, where left to themselves they will rapidly increase and spread.

If by Parcel Post, 12 bulbs weigh 1 lb.; 100, 7 lbs.; price "each" includes postage. Add postage at Zone rates.

	Per Doz.	Per 100	Per 1000
Poeticus. (Common Pheasant's Eye. The Narcissus for garden planting; pure white with scarlet-edged cup or eye. Fine for naturalizing, being hardy and increases readily in numbers; late.....	\$0.20	\$1.00	\$ 8.00
Praecox Grandiflorus. A new and large type of early-flowering Poeticus; very large and handsome flowers; pure white with yellow cup suffused with crimson; height 19 inches. Each, 4c.....	.30	2.00	18.00
Glory. A grand new variety producing immense snow-white flowers of perfect form; cup yellow edged red. Each 7c..	.65	4.50	40.00
Ornatus. A much improved form of the ordinary Poeticus, producing larger flowers and appearing two weeks earlier; for this reason they are especially adapted for forcing and make a splendid cut-flower.			
Large Bulbs.	.20	1.00	8.00
Mammoth Bulbs.	.30	1.50	12.00
King Edward VII (Almira). Magnificent large flowers with broad, round petals, a glistening white; the yellow cup is edged deep red; very early flowering variety. Each, 6c.....	.60	4.00	35.00

Jonquils

Jonquils are noted for their graceful, sweet-scented flowers, in or out-of-doors. For indoor decoration three or four bulbs should be grown in a 4 or 5-inch pot. (Postal rates as above.)

	Per Doz.	Per 100	Per 1000
Single, yellow, sweet-scented.	\$0.15	\$1.00	\$ 7.00
Double, fragrant.	.40	2.50	20.00
Campanelle, large yellow, for forcing or bedding	.20	1.15	8.00
Rugulosus, giant-flowered, wrinkled cup, fine for cut flowers, extra fine forcing....	.25	1.25	10.00
Rugulosus Plenus, double yellow flowers on tall graceful stems. Each, 6c.....	.50	3.00	25.00

Parcel Post rates are given on inside of front cover and on order sheet.

Narcissus Poetaz

(THE HARDY, CLUSTER-FLOWERED DAFFODIL)

By crossing Poeticus and Polyanthus varieties, growers have succeeded in obtaining this perfectly hardy strain of bunch-flowering Narcissus. The individual flowers have all more or less the Poeticus shape and size. Besides being hardy, this class has the merit that they have not inherited the strong, disagreeable scent of the Polyanthus Narcissus. Planted in beds they make a mass of flowers. They also do well planted in pots for winter flowers.

If by Parcel Post, 12 bulbs weigh 1 lb.; 100, 7 lbs. Price "each" includes postage. Add postage at Zone rates.

	Per Doz.	Per 100	Per 1000
Alsace. Petals pure white, with yellow eye; when bursting into flower the eye is slightly edged reddish. Broad, large flowers of true Poet form; one of the earliest. Has three flowers on a stem. Each, 10c.....	\$0.90	\$6.50	\$60.00
Aspasia. Perianth pure white, with yellow eye, true Poeticus form, large flowers, borne on very tall stems, grows 24 inches high, 3 to 4 flowers on a stem. Each, 5c..	.50	3.00	25.00
Elvira. Pure white with yellow eye, large flower of remarkably good substance; a good keeper; very long stemmed, 3 to 4 flowers on a stem; one of the strongest-growing Narcissus. Extra free-flowering. Each, 5c.....	.50	3.00	25.00
Irene. Perianth silky sulphur-yellow changing to light yellow; orange eye; large broad truss, bearing 8 to 9 flowers; most pleasing color; this novelty no doubt will soon be in good demand. Each, 7c.....	.65	4.50	40.00
Klondyke. Perianth yellow, with deep golden yellow eye, one of the deepest yellows. Trusses bring 6 to 7 flowers. Each, 20c.....	2.00	15.00	140.00
Triumph. Pure white perianth, with deep yellow eye, the largest flowers of this section, resembling Narcissus Bazelman Major; 3 to 4 flowers on a stem; a sterling novelty. Each, 10c.....	.90	6.50	60.00

Vaughan's Special Offers

E 2 each, Poeticus named on this page, postpaid.....	\$0.40
H 2 each, Poetaz named on this page, postpaid.....	1.00

BULBS AND TUBEROUS ROOTED PLANTS.—C. L. Allen. Includes their history, description, methods of propagation, and complete directions for their successful culture. Ill. Cloth. 310 pp. Price.....\$1.50
Flower Bulbs and How to Grow Them. 72 pp. Ill. Price.... .25

DAFFODILS OR NARCISSI—Continued

Polyanthus Narcissus BUNCH FLOWERED

(NARCISSUS TAZETTA)

The Polyanthus or bunch-flowered Narcissi are not only beautiful, but exceedingly fragrant, and may be grown in bowls or glasses under the same treatment as for Chinese Sacred Lily. Also suitable for window garden, conservatory or garden, very free flowering and continuing long in bloom. Their tall spikes of bloom bear from six to one dozen flowers each. The pure white petals and gold cups of some varieties, the yellow with deep orange cups of others and the self whites and yellows render them great favorites. They are not quite as hardy as the other types of Narcissus and therefore should be carefully protected in cold climates when grown in the garden.

If by Parcel Post, 12 Bulbs weigh 3 lbs.; 50, 10 lbs. Add postage at zone rates given on inside front cover.

	Each	Per Doz.	Per 100
Bazelman Major—Large flowers in immense clusters; broad pure white perianth; large dark yellow cup; one of the finest Polyanthus Narcissus in cultivation	\$0.08	\$0.75	\$5.00
Gloriosus—Pure white flowers of large size with orange cup; borne in large heads	.07	.55	3.50
Grand Monarque—One of the finest of the Polyanthus section, giving excellent results when grown in water. The bulbs are of large size. Flowers are white with a lemon-yellow cup	.07	.50	3.00
Grand Primo—Perianth pure white, with citron cup	.07	.50	3.00
Lord Canning—Clusters of large golden-yellow flowers with orange cups; extra fine	.07	.60	4.00
Maestro—Large round, thick-petaled flowers of cream white, with deep orange cup; a grand sort	.08	.65	4.50
Mont Cenis—This is undoubtedly the finest of Narcissi; its large white flowers with yellow cup come to a medium height, often more than two flower stems from a bulb and each stem 15 to 18 blooms	.07	.60	4.00

Paper White Grandiflora

Per Doz. Per 100 Per 1000

LARGE FLOWERING—This large flowering type is such an improvement over the ordinary "Paper White" that we have discontinued offering the latter. The "Large Flowering" is more vigorous and earlier, producing purest snow-white flowers of large size and good substance. This narcissus does splendidly when grown in bowls of water and pebbles or moss the same as Chinese Narcissus.

Fancy Selected Bulbs, each 4c.	\$0.35	\$1.75	\$15.00
Mammoth (Star Brand), each 5c.	.45	2.00	18.00
WHITE PERFECTION —Large pure white flowers opening with cream cups, which change to pure white in a day or two; these chaste and beautiful flowers are borne in large clusters.	\$0.06	\$0.50	\$3.00

Chinese Sacred Lily or Joss Flower

The Chinese Polyanthus Narcissus. Can be grown in pots, or bowls of gravel and water, the latter being the usual way, and are very ornamental when in bloom. Each bulb throws up from 5 to 10 flower spikes, bearing white blossoms, with yellow center; of a most delicious fragrance.

LARGE SELECTED BULBS, each 10c; 3 for 25c; per doz., 85c. Per Post, 3c extra.
MAMMOTH BULBS, each, 20c; 3 for 55c; doz., \$1.75. Per Post, 5c extra.



PAPER WHITE GRANDIFLORA
Growing in Gravel

Double Sacred Lily (Double Roman Narcissus)

Grown in the same manner as the Chinese Sacred Lily. Produces abundance of double flowers; white, shaded beautiful yellow; fragrant and lasting. Can be easily brought into bloom for Christmas. Each 4c; doz. 30c; 100 \$1.75.

Vaughan's Special Collections, Tazetta Narcissus

A—1 of each (8 vars.), postpaid....\$0.50 B—3 of each (8 vars.), postpaid....\$1.25

Double Narcissi

These old fashioned daffodils are still very popular, and though they lack the sturdiness of some of the single varieties as bedders, the "Phoenix" varieties have a delightful fragrance and are excellent for cutting, while the old Von Sion has no equal of its class for potting or forcing.

If by Parcel Post, 12 Mother bulbs weigh 3 lbs.; 50, 10 lbs. Other sizes, 2 lbs.; 50, 7 lbs.			
Alba Plena Ordorata—The well known double white, sweet scented form of Poeticus; sometimes called the gardenia-flowered Narcissus. Late flowering, and will not force. Best suited for beds or naturalizing. Each, 3c.	\$0.25	\$1.25	\$10.00
Incomparabilis (Butter and Eggs), the double form of Sir Watkin. Light yellow and orange; forces well. Each, 4c.	.30	1.75	15.00
Orange Phoenix (Eggs and Bacon), white and orange. Each, 4c.	.30	1.80	16.00
Sulphur Phoenix (Codlins and Cream), white and sulphur yellow. One of the best for cutting and unexcelled for funeral work. As this bulb generally throws two to three flowers, it is a profitable variety to grow. Each, 4c.	.35	2.00	18.00
VON SION, the common Double Yellow Daffodil. Mother Bulbs. (Jumbo Size.) The bulbs are extra large in size and will throw three to five flowers each. We get only a limited quantity of these. Each, 8c.	.75	4.50	40.00
VON SION XXX Mammoth Double-Nosed Bulbs, largest and finest roots our growers can select. Each bulb will bring two or more flowers. Each, 5c.	.50	3.50	30.00
VON SION, Fancy Selected Bulbs. Each, 4c.	.40	2.50	20.00
VON SION, First Sized Bulbs. Each, 3c.	.30	2.00	17.00

Bowls for Chinese Lilies and Other Bulbs

These bowls are especially adapted for growing Chinese Lilies, Paper White Narcissus, Double Sacred Lilies and some of the Polyanthus and Poetaz Narcissi in gravel and water. The Glass Bowls are most suitable and ornamental for these, while the Matt Green Earthenware Bowl may be used for growing all bulbs in our prepared fiber—a successful and clean method for indoor cultivation. Can be forwarded by express only.

GLASS, 7 in. diam., each 30c; 3 for 80c; 8 in. diam., each 35c; 3 for \$1.00.

MATT GREEN EARTHENWARE, 6 in., each 35c; 3 for \$1.00; 8½ in., each 45c; 3 for \$1.30.

GRAVEL, such as is used for above, 5 lbs., 20c; 10 lbs., 35c; per lb., 5c.

FIBER—See page 10.



MATT GREEN BOWL



NARC. VON SION (Double Daffodil)



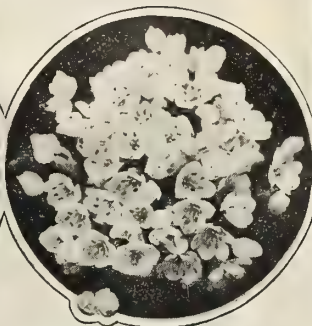
AMARYLLIS (Various)

Miscellaneous Bulbs and Roots

If by Parcel Post, add postage at
Zone Rates on inside front cover



CHIONODOXA



ALLIUM NEAPOLITANUM



ANEMONES

Allium Neapolitanum

This is one of the most beautiful bulbous plants for conservatory, house or window-garden. The flowers are star-shaped, and are produced in large, loosely-spreading umbels, on stems 20 inches high. Per doz., 20c; per 100, \$1.00; per 1000, \$7.00. "Dozen" and "100" prices include postage.

Amaryllis

To be successful with these bulbs, customers should follow closely our cultural directions. On receipt of the bulbs in autumn place them in damp moss in a temperature of 60 degrees, and allow the flowering shoot to appear before the bulb is potted. When first potted give very little water, and promote growth by giving moderate bottom heat; increase the supply of water as the plants progress. The proper soil for Amaryllis is turfy loam enriched with rotten manure. If by Parcel Post add postage at Zone Rates.

Belladonna Major. Fine variety for fall blooming, very free flowering and fragrant. Flowers which are a lovely shell pink color are borne on stems 2 to 2½ feet high. Each, 15c; per dozen, \$1.50. (Mailing weight, per dozen, 6 lbs.; 3 bulbs, 2 lbs.)

Vittata Hybrids. These are unnamed seedlings, secured from that famous hybridizer, Luther Burbank. The flowers cannot be surpassed for their richness of color and markings; spikes are usually from 2 to 3 feet in height, bearing from 3 to 5 enormous trumpet-shaped flowers, measuring Sometimes 10 inches across. Each, 40c; dozen, \$4.00. (Mailing weight, per dozen, 6 lbs.; 3 bulbs, 2 lbs.)

Johnsoni. Has immense trumpet-shaped flowers, borne on strong, fleshy stems and are of rich, deep velvety crimson, each segment having a broad white stripe contrasting beautifully with the deep red color.

Large Bulbs, each, 25c; 3 for 60c. If by Parcel Post, 3 bulbs weigh 2 lbs. **Mammoth Bulbs, each, 40c; postage extra, 3 for \$1.00.** Mailing weight, 3 bulbs weigh 3 lbs.

Formosissima. A showy green-house bulb with crimson flowers. The long upper petals ascend, but the lower one encloses the stamens.

Large Bulbs, each, 10c; doz., \$1.00. If by Parcel Post add 5c each; 3 bulbs weigh 2 lbs.; dozen, 6 lbs.

Anemone, (Windflower)

The varieties offered below are charming hardy spring flowers, and are becoming better known and more popular as a garden flower. Both double and single are equally desirable, and no garden should be without them. They are suitable for pot or border culture, and when planted in masses are most effective. They succeed best in a light, rich, well drained loam. Plant in November, or as soon as the ground can be worked in the spring. If planted in the autumn, they should be covered with leaves, straw or long manure on the approach of winter. For pot culture, fill with any rich, porous compost, with good drainage, planting 4 roots in a 5-inch pot; place in a cold frame, or any moderately cool situation, giving very little water until the plants appear; then remove to greenhouse or sitting room. If by Parcel Post, 100 bulbs weigh 1 lb. Prices per dozen and 100 include postage.

	Per Doz.	Per 100	Per 1000
Ceres. Double white suffused with rose.....	\$0.40	\$2.50	\$20.00
Fulgens. The most brilliant and effective of all Anemones, dazzling vermilion-scarlet, with jet-black center; excellent for cutting.....	.40	2.50	20.00
King of the Scarlets. Double, bright scarlet....	.40	2.50	20.00
King of the Blues. Double, very fine Blue.....	.40	2.50	20.00
White. (The Bride), single.....	.20	1.10	8.00
Single Mixed. All colors.....	.20	1.10	8.00
Double Mixed. All colors.....	.30	1.75	15.00
St. Brigid. A new and greatly improved race of Irish production, bearing magnificent flowers, double, semi-double and single, 3 to 5 inches across, and of the richest as well as the faintest colors, markings, blendings, all having a distinct dark base. They have long stems; very graceful flowers for vases.....	.40	2.50	20.00

Babiana

Pretty little plant, bearing showy spikes of flowers, which are much characterized by their rich self-colors or the striking contrast of very distinct hues in the same flower. Best when grown in pots. Mixed colors, Per dozen, 40c; per 100, \$2.50; post free; per 1000, \$20.00.

Calla (Richardia)

Aethiopica (Arum or White Calla Lily.) A well known plant of easy culture for winter bloom, and makes a handsome house or window plant. To aid profuse blooming keep dormant from the middle of June until the last of August; re-pot in good, rich soil, using 6 to 8-inch pot, give water, light and heat in abundance, and the result will be most satisfactory.

If by Parcel Post, add postage at Zone Rates.

	Each	Doz.	100
First Size (1¼-1½ inch); weight, dozen, 1 lb.....	\$0.10	\$1.00	\$7.00
Select Size (1½-2 inch); weight, dozen, 2 lbs.....	.15	1.50	11.00
Mammoth (2-2½ inch); weight, dozen, 3 lbs.....	.25	2.75	20.00

Spotted Leaf. (Richardia Alba Maculata.) The leaves of this variety are deep green with numerous white spots, which give the plant a very ornamental appearance. The flowers are white with a black center; they grow freely either indoors or out. Each, 10c; per dozen, \$1.00; per 100, \$7.00. Mailing weight, dozen, 2 lbs.

Golden Yellow. (Elliottiana.) Rare and beautiful variety; same habit of growth as ordinary white Calla, flowers same size and shape, rich, clear, lustrous golden-yellow; foliage dark green, with translucent creamy spots. A large stock enables us to offer strong bulbs. Each, 20c; dozen, \$2.00; per 100, \$15.00. Add 5c each for postage.

Calochortus or Mariposa Tulips

These famous California flowers possess much delicacy and brilliancy of coloring. They somewhat resemble a tulip in shape, and are of many colors, shades and markings.

Mixed, per dozen, 30c; per 100, \$2.00, postpaid; per 1000, \$18.00.

Chionodoxa (Glory of the Snow)

The Chionodoxa is one of our loveliest Spring flowers, and when established its sheets of blue in very early Spring are a great attraction in the garden. It should be largely used in borders and dotted over bulb beds, also massed on rockwork. Once planted it comes up year after year, the flower spikes increasing in size and beauty. Excellent in pots. Prices include postage.

	Per Doz.	Per 100	Per 1000
Lucillae. Bright blue with large clear white center (large cultivated bulbs).....	\$0.25	\$1.25	\$10.00
Sardensis. Intense deep blue (large cultivated bulbs).....	.20	1.15	9.00

Colchicum Autumnale

Autumn-Flowering Crocus

Extremely pretty in the Herbaceous border or among shrubs, and quite odd looking, as they bloom previous to making foliage—which does not appear until spring. They should be ordered at once if required to bloom this year, September and October being their flowering months.

Mailing weight, per dozen, 2 lbs

	Each	Doz.	100
Autumnale Major, large, rich purple blooms.....	\$0.10	\$1.00	\$7.50
Autumnale, Mixed colors.....	.05	.50	3.00

BONE MEAL is the safest fertilizer for all bulbs. Try it in your potting mixture—2½ to 3 lbs. to the bushel.

Price, 5 lbs., 25c; 50 lbs., \$1.25; 100 lbs., \$2.25.

Quantities, Depths, and Distances apart, for planting bulbs are given on page 11.

CROCUSES NATURALIZED IN THE CORNER OF A LAWN

CROCUSES
GROWING
IN FIBER

Vaughan's Superb Crocus

Spring Flowering Varieties

One of the earliest flowers to open in Spring, the Crocus makes a very effective show when planted in masses or where three or four rows are arranged in a border. They are perfectly hardy and can be left in the ground for several years without being disturbed. An effective method of planting is to scatter them over the lawn by digging up a small piece of sod here and there and placing one or two bulbs in each spot. This gives a pretty effect in early spring, and the tops can be cut along with the grass safely when first mowing is made. The large-flowering named varieties are ornamental when flowered in pots six or eight bulbs in 5-inch size. They will not flower if exposed to heat, nor must severe forcing be attempted. It is a mistake to plant Crocuses too deeply, an inch of covering being quite sufficient, anything deeper may cause them to fail to bloom.

Dozen price includes postage. 100 bulbs weigh 3 lbs.

Albion, blue, striped white.	La Majesteuse, white, violet stripe.
Baron von Bruno, dark blue.	Madam Mina, white striped.
David Rizzio, deep purple.	Sir Walter Scott, white, blue stripe.
Dandy, blue.	Mammoth White.
Non Plus Ultra, blue, bordered white.	Cloth of Gold, yellow and brown.
Othello, dark purple.	Cloth of Silver, white and lilac.
Mont Blanc, pure white.	Select Yellow, choice bulbs.

Price, per doz., 20c; 100, \$1.15; 1000, \$9.00.

SPECIAL OFFER "W": 10 of each above, 140 bulbs, \$1.50, Postpaid.

Vaughan's "Pride of Holland" Strain of Named Crocus

This is a special large flowered strain selected by one of our Dutch growers. They make larger bulbs and give larger blooms than ordinary named kinds, and are of special value for pot culture, the size of the blooms being very noticeable. We offer five choices. Please mention "Pride of Holland" strain when ordering.

Sir Walter Scott, white, blue striped.	Mammoth Yellow.
Queen Victoria, pure white.	David Rizzio.
	King of Blues, fine blue.

Price, per dozen, 30c; 100, \$1.75; 1000, \$14.00.

Unnamed Crocus, Separate Shades

These bulbs are of good size and will produce large flowers and are excellent for grass planting and borders.

White	} Doz. 100 1000
Blue and Purple	
Striped and Variegated	
Yellow, large	

\$0.10 \$0.75 \$6.00

Vaughan's Special Mixture

Giant Flowered Crocus

We make this mixture from named sorts only, adding a liberal amount of the mammoth "Pride of Holland" sorts. For planting outdoor in lawns, along borders or amongst shrubbery this mixture cannot be excelled. Doz., 20c; 100, \$1.25; 1000, \$10.00.

Miscellaneous Bulbs—Continued

Dielytra Spectabilis (Bleeding Heart)

A very graceful pot-plant for greenhouse and room decoration, also for summer-flowering in shrubberies or shady borders. The elegant pendent branches are loaded with heart-shaped rosy crimson flowers, and furnished with graceful delicate green foliage. Height 1½ to 2 ft. Strong roots.

Each, 15c; 3 for 40c; postage 5c extra. Per dozen, \$1.50; dozen weigh 3 lbs.

Eranthis Hyemalis (Winter Aconite)

Early in spring the golden blossoms of the Winter Aconite look charming, resting on an emerald-green cushion of leaves and forming a striking contrast to the Snowdrop, Scilla and Chionodoxa. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees. 8 inches high. (Price per dozen and 100 includes postage.)

Per doz., 20c; per 100, \$1.00; per 1000, \$7.50.

Erythronium (Dog's-Tooth Violet)

Beautiful plants, perfectly hardy; the foliage is usually charmingly variegated, and a mass of 15 or 20 plants is a pretty sight. Plants luxuriate in rather moist, partially shady positions, and do very nicely when grown in pots for winter blooming.

Price per doz., 25c; per 100, \$1.50 (postpaid); per 1000, \$10.00.

Vaughan's Giant Freesias

These are well known for their delightful fragrance, the new colored ones which we offer, adding a new charm to the class. They should be potted up in August and stood outside until the approach of frost, then taken inside to the conservatory or a sunny, airy window, where they will flower freely from January onwards. The bulbs should be purchased at once so as to provide good root-growth before being taken indoors, which frost compels. Dozen and 100 prices include postage.

REFRACTA ALBA. A fine variety bearing long sprays of fine white flowers.

Very fragrant.

	Per Doz.	Per 100	Per 1000
Jumbo bulbs, each 5c.....	\$0.40	\$3.00	\$25.00
Mammoth bulbs	.25	1.50	12.00
Selected bulbs	.15	1.00	8.00

VAUGHAN'S PURITY. Flowers are of a magnificent snowy white, of very large size and great fragrance. One bulb will throw three to five flower-heads, each of which will have from eight to nine buds. One of the finest Freesias we have ever seen.

	Per Doz.	Per 100	Per 1000
Mammoth Bulbs, each 5c.....	\$0.50	\$3.50	\$30.00
Large Bulbs	.40	2.50	20.00

VAUGHAN'S GIANT WHITE. A splendid snow-white variety producing an abundance of large sprays. The petals are reflexed at the tips, giving the flower an open star-shaped appearance. Each, 5c; doz., 40c; 100, \$2.50; 1000, \$20.00.

New Colored Freesias

These are rapidly winning favor on account of their lovely and unique colorings and shadings and very delicate fragrance. Each principal spike usually carries 7 to 9 flowers—while the side spikes, of which each bulb produces several, usually bear 5 to 6 flowers. The culture differs in no way from that of Freesia Refracta.

Each, 10c; per dozen, \$1.00; per 100, \$7.00; post free.

Scarlet Freesias

(Amomatheca Cruenta.) Dozen, 30c; per 100, \$1.50; per 1000, \$10.00.

Parcel Post rates are given on inside of front cover and on order sheet.

"Enclosed please find three Kodak pictures of my tulips last Spring. They certainly were very fine, every one of the bulbs bloomed and a few had two flowers on them. I am sending you an order which I hope you will fill promptly."

WM. SANDERS, Ottawa, Ill.



FREESIA REFRACTA ALBA



GLADIOLUS—THE BRIDE



SPANISH IRIS

Miscellaneous Bulbs—Continued

Fritillaria Imperialis (Crown Imperial)

The Crown Imperial is a stately hardy border-plant, very effective in Spring when grouped in woodlands, wild gardens, orchards, etc. For forming bold groups in the permanent border or on lawns it is of great value, and should be allowed to remain undisturbed. To obtain the best results, plant the bulbs in September, in a good, deep loam. Each, 15c; 3 for 40c; per doz., \$1.25 (postpaid).

Fritillaria Meleagris

Singular dwarf spring-flowering plants, bearing large pendant, bell-shaped flowers of various colors, yellow, white, black, purple, striped and splashed and checkered in the most curious way. Invaluable for pot culture and exceedingly pretty when grown in large groups in the garden border or wild dry situation. Per doz., 25c; per 100, \$1.50 (postpaid).

Gladiolus, Early Flowering

For grace and beauty these early flowering Gladiolus cannot be excelled. Being of dwarf habit, they can be grown in cool conservatories or dwelling houses during the winter for flowering from March till May, but they are a hardy bulb and may be planted outdoors in the late fall, 4 to 6 inches deep if protected with at least a covering of from 4 to 6 inches of leaves or dry manure; this protection must be removed early in the spring.

For Indoor Culture, place 6 to 12 bulbs in a pan filled with fairly sandy soil; place outdoors protected from frost until winter sets in, then remove to a light but cool corner of the cellar until February 1st, when they should be brought to gentle heat and light. Price per dozen and 100 includes postage.

	Per Doz.	Per 100	Per 1000
Ackerman—Salmon, blotched with scarlet and carmine. Each 3c.....	\$0.30	\$1.50	\$12.00
The Bride (Colvillei Alba)—Bright, graceful variety, having pure white flowers. Each 3c.....	.25	1.25	10.00
Blushing Bride (Delicatissima)—Flowers are large, bluish white with pink blotches on three lower petals. Each 2c.....	.20	1.00	8.00
Cardinal Elegans—Fiery scarlet, flaked white; graceful drooping foliage; very exquisite. Each 5c....	.45	2.50	20.00
Fiery Knight—This is a specially striking and beautiful variety, and we can highly recommend it for all purposes. Dark scarlet, flaked violet. Each, 5c	.45	2.50	20.00
Peach Blossom—Splendid variety, producing graceful spikes of charming flowers, delicate rosy blush, blotched pale rose and cream, free bloomer and of fine vigorous growth. Each 3c.....	.25	1.25	10.00
Queen of Holland—Pure white flaked light sulphur, bordered red. Each 5c.....	.45	2.50	20.00
Sans Pareille—Light lilac, small blotch on lower petals. Each 3c.....	.25	1.25	10.00
Sapho—Soft lilac, flaked white, bordered violet. Each 4c.....	.35	1.75	15.00

Grape Hyacinth—See Muscari, page 22.

6 bulbs of a kind supplied at dozen rate, 25 at 100 rate, 250 at 1,000 rate.

Bulbous Irises

Spanish Iris (Iris Hispanica)

One of the most beautiful of our Spring flowers, coming into bloom when flowers are scarce, after all daffodils and tulips are over, and before the early Summer flowers are ready. When planted in pots and grown out of doors in the cold frame they can be brought in when growth is well advanced, and will bloom late in March or early April.

Dozen and 100 prices include postage.

Named Varieties—Large Bulbs

	Per Doz.	Per 100	Per 1000
Belle Chinoise, dark yellow.....	\$0.20	\$1.00	\$ 8.00
British Queen, white, extra fine.....	.25	1.15	9.00
Beauty, porcelain blue.....	.25	1.25	10.00
Bronze Queen, the finest terra-cotta.....	.35	1.75	15.00
Cajanus, clear yellow, extra.....	.20	1.00	8.00
Count of Nassau, dark blue.....	.20	1.00	8.00
Darling, dark blue.....	.20	1.00	8.00
Hercules, dark bronze.....	.30	1.50	12.00
La Neige, snow-white.....	.25	1.25	10.00
Louise, beautiful shade of light blue.....	.20	1.00	8.00
Mia, blue-purple.....	.20	1.00	8.00
Reconnaissance, fine bronze.....	.35	1.75	15.00
Wouwerman, beautiful orange yellow.....	.35	1.75	15.00
MIXED, all colors.....	.15	.75	6.00

English Iris (Iris Anglica)

The varieties of English Iris are among the finest flowers we have in early summer. It got its popular name in a rather curious way, being sent from its Pyrenean home, where its distribution is limited, to Bristol traders, thence to Holland. The Dutch, supposing it to be a native of English shores, called it the English Iris. The flowers are quite distinct in aspect from those of the Spanish Iris and appear a fortnight later.

If by Parcel Post, dozen weigh ¾ lbs.; 100, 6 lbs.

Named Varieties—Large Bulbs

	Each	Per Doz.	Per 100
Adelaine, white, violet striped.....	\$0.06	\$0.50	\$3.00
Grand Lilas, light blue.....	.06	.50	3.00
Mont Blanc, pure white, large flower.....	.06	.50	3.00
Othello, dark blue.....	.06	.50	3.00
MIXED, all colors (per 1,000, \$15.00).....		.30	1.75

Mourning Iris (Iris Susiana)

Immense flowers, blush tinted brown and covered with a network of fine lines. Flowers to the end of May and grows about a foot high. Each, 15c; doz., \$1.50; 100, \$10.00. Mailing weight, doz., ¾ lb.

(For other Irises see list of Perennial Plants; page 32.)

IXIA—See page 22.



EASTER LILIES

Lilium Harrisii

(True Bermuda Easter Lily)

This mammoth white Trumpet Lily, with flowers 4 or 5 inches long, is the best of all Lilies for winter forcing and flowering. Has large handsome trumpet-shaped flowers, pure white, and of a delicious fragrance; very free-flowering, the smallest size bulbs producing freely. Can be had in bloom indoors from Christmas to Easter. For blooming at Christmas it is best to order bulbs as soon as you receive this catalogue. Owing to the dry season on the Island where these bulbs grow, we are only able to furnish these in two sizes.

	Each	Doz.	100
Select Size (7 to 9 inches).....	\$0.20	\$1.75	\$12.00
Mammoth Size (9 to 11 inches).....	.40	4.00	30.00

Lilium Longiflorum Giganteum

(Japanese Easter Lily)

Best of all Lilies for indoor pot culture; bulbs planted when received, about latter part of September, can be readily brought into bloom by Easter if kept in a warm room or greenhouse. Flowers are large trumpet shape, pure white in color and of a delicious fragrance. Being perfectly hardy (if given a little protection) it is splendid for outdoor planting and should be used with Candidum for succession of bloom, as it flowers about July 10th, right after the Candidum has flowered.

	Each	Doz.	100
First Size (6 to 8 inches).....	\$0.08	\$0.75	\$ 5.00
Select Size (7 to 9 inches).....	.10	1.00	7.00
Mammoth Size (9 to 10 inches).....	.25	2.50	20.00

Lilium Formosum

(Japanese Easter Lily)

This improved type of the well known Lilium Longiflorum, also called the "Easter or St. Joseph's Lily," comes from the Island of Formosa. The plants are of healthy strong growth—about 3 feet high, and produce beautiful snow-white, trumpet-shaped flowers, 6 to 8 inches long. It is perfectly hardy (if given a little protection) and a splendid garden lily, blooming in the open in June and July. It is not quite as early as Lilium Harrisii.

	Each	Doz.	100
First Size (6 to 8 inches).....	\$0.10	\$0.90	\$ 6.00
Select Size (7 to 9 inches).....	.12	1.25	9.00
Mammoth Size (9 to 10 inches).....	.20	2.00	15.00

Creole Lily

We introduced this Lily for the first time last year and those who have tried it have been very successful. It is a cross between the Lilium Longiflorum and the Lilium Harrisii, both of which it resembles. It has proved to be almost free from disease and a very strong grower.

	Each	Doz.	100
Select Size (8 to 9 inches).....	\$0.20	\$2.00	\$15.00
Mammoth Size (9 to 10 inches).....	.25	2.50	20.00

Order Lilium Candidum at once for early Fall Planting.

Vaughan's Lily Bulbs

The lily is one of the most beautiful and ornamental of bulbous plants. To those who have been unsuccessful in growing these bulbs we would recommend them to follow our cultural directions carefully.

Lilies should be potted immediately upon receipt, if intended for growing in pots or for forcing. In potting use a compost of fibrous loam and sweet decomposed leaf soil, with plenty of coarse sand or a mixture of good peat, loam, and sand, adding to the compost a few pieces of charcoal. See that the pot is well drained. The bulb should be set about half-way below the surface or rim of the pot and barely covered with soil, thus leaving room to top dress with more soil when surface roots appear above the bulb. After potting, give a thorough watering and set outside in a cold frame or shady situation, then cover with ashes or long straw. After they have stood from three weeks to a month and thoroughly rooted, bring inside, in a temperature of about 60°; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. Thorough rooting is the most essential point.

Lily Bulbs by Parcel Post.—Add postage at Zone rates on inside of front cover.

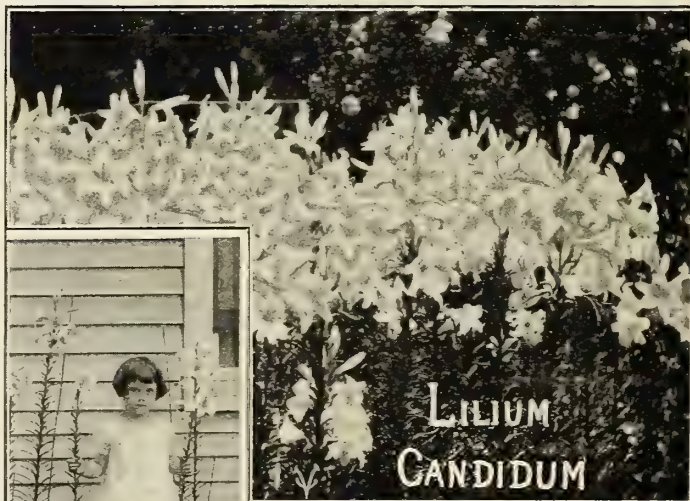
Size	3 Bulbs	Dozen
	Weight	Weight
8-9 in.....	½ lb.	4-5 lbs.
9-11 in.....	1½-2 lbs.	6-7 lbs.
11-13 in.....	2-3 lbs.	9-10 lbs.

Lilium Candidum

(Madonna, or Annunciation Lily)

This is one of the oldest, loveliest and best known Lilies. The flowers, of which there are three to twenty on each stem, are snow-white, with heavy yellow stamens and of the most delightful fragrance. It is hardy, and will thrive in any ordinary soil, preferring a position where it can get plenty of light and air. Blooms in the open ground about June 20. We recommend early planting of this Lily, as it makes its leaf-growth in the fall, and thus prepares itself for early blooming. Orders should therefore be sent in on receipt of this Catalogue.

	Each	Doz.	100
Select Size	\$0.15	\$1.25	\$ 8.00
Mammoth Size	.20	2.00	15.00
Jumbo Size	.50	5.00	35.00



Large photo represents Lilium Candidum in gardens of Mrs. J. L. Houghteling, Winnetka, Illinois.

The smaller photo in the garden of Mr. Chas. L. Brock, Jefferson, Iowa.

Both show mass of flowers, and length of stem attained first year after planting our bulbs. (Bulbs should be ordered on receipt of this catalogue.)

Vaughan's Lily Bulbs

For Pot Culture, or Outdoor Planting in Beds or Hardy Plant Border

For color, fragrance, beauty and variety of form, nothing can equal these grand flowers; whether grown in pots or grouped in the Hardy Plant Border, where their hardiness make them so desirable, they are always an object of beauty, and by judicious selection one can have a continuous bloom from early summer until fall.

Note—Most Lily Bulbs, being of late maturity, are not ready before October and November (the best time to plant them). Where the ground is liable to freeze up before the late lilies arrive it should be mulched with 6 or 8 inches of leaves or manure so the bulbs may be planted on arrival. *Lilium Harrissii* and *Candidum* are ready in August.

If by Parcel Post, see weights on page 20.

Lilium Auratum

(The Gold-banded Lily of Japan)

The most beautiful variety of all the Lily family; should be in every garden. Illustration on this page is taken from a photo of a plant grown from one bulb in the garden of one of our customers. Flowers white, dotted crimson, with a clear golden band running through the center of each petal; very fragrant.

	Each	Per Doz.	Per 100
First Size, (8-9 in.).....	\$0.15	\$1.25	\$7.50
Mammoth, (9-11 in.).....	.25	2.00	12.00
Monster, (11-12 in.).....	.35	3.00	16.00

Auratum Platyphyllum

This is without a question one of the most wonderful Lilies in cultivation. The leaves are very long and broad, and the stems attain a height varying from 7 to 10 feet. The flowers are similar in color to *Auratum*, heavily spotted, but are much larger, the petals more overlapping, and of greater substance.

	Each	Per Doz.	Per 100
First Size, (8-10 in.).....	\$0.25	\$2.50	\$15.00
Mammoth, (10-12 in.).....	.50	4.00	30.00

Lilium Speciosum

These lilies are probably the most popular of all, succeeding equally well in open border or in pots. When fully open the petals recurve gracefully on the flower stem, exposing the beautiful rose and crimson markings, which characterize the *Rubrum* and *Melpomene* types.

	Each	Per Doz.	Per 100
ALBUM —Pure white.			
First Size, (8-9 in.).....	\$0.25	\$2.00	\$12.00
Mammoth, (9-11 in.).....	.35	3.25	18.00

RUBRUM—White, spotted and rayed rosy red. We consider this the most satisfactory of the *Speciosum* class.

	Each	Per Doz.	Per 100
First Size, (8-9 in.).....	\$0.20	\$1.40	\$ 8.00
Mammoth, (9-11 in.).....	.30	2.50	14.00
Monster, (11-12 in.).....	.40	3.50	20.00

	Each	Per Doz.	Per 100
MELPOMENE —White, spotted and splashed with deep crimson.			
First Size, (8-9 in.).....	\$0.20	\$1.50	\$ 8.00
Mammoth, (9-11 in.).....	.30	2.50	14.00



LILIUM AURATUM

Lilium Auratum Rubro-Vittatum

A beautiful, distinct and imposing Lily of the *Auratum* type, producing flowers quite as large as the Golden-rayed variety, but instead of the golden rays there is down the center of each long recurved petal a heavy band of crimson, accompanied by crimson spots on a pure white ground.

Strong Flowering Bulbs, Each, \$0.30; per doz., \$3.00; per 100, \$20.00.

Various Hardy Lilies

"Each" and "dozen" prices include postage (except *L. Candidum*).

	Each	Per Doz.	Per 100
Canadense . (Meadow Lily.) Graceful, drooping, bell-shaped, red and yellow flowers typical of our northern meadows. Perfectly hardy. Fine bulbs....	\$0.12	\$1.25	\$8.00
Candidum —see page 20.			

	Each	Per Doz.	Per 100
Henryi . A new, rare, and very beautiful Lily from China. The flower stalks, 3 to 5 feet high, carry 5 to 8 large flowers each; apricot spotted brown	.60	6.50	50.00

	Each	Per Doz.	Per 100
Elegans Aurora . Deep rich orange suffused scarlet	.12	1.25	8.00

	Each	Per Doz.	Per 100
Elegans Leonard Joerg . Rich apricot, spotted	.12	1.25	8.00

	Each	Per Doz.	Per 100
Elegans Painted Chief . Bright flame color	.12	1.25	8.00

	Each	Per Doz.	Per 100
Elegans Robustum . Orange spotted maroon	.10	1.25	8.00

	Each	Per Doz.	Per 100
Elegans Mixed	.10	1.00	7.00

	Each	Per Doz.	Per 100
Hansoni . Flowers reddish orange, 8 to 12 in a cluster; petals thick and durable	.50	5.00	35.00

	Each	Per Doz.	Per 100
Pardalinum —(Leopard Lily). Rich scarlet and yellow, spotted rich brown	.12	1.25	8.00

	Each	Per Doz.	Per 100
Superbum . The finest of the native Lilies. Flowers bright orange, spotted purple	.12	1.25	8.00

	Each	Per Doz.	Per 100
Tenuifolium —(Siberian Lily). A native of Siberia; one of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; blooms early in spring	.12	1.25	8.00

	Each	Per Doz.	Per 100
Tigrinum Splendens —Very hardy native Lily; orange, spotted purple	.08	.85	6.00

	Each	Per Doz.	Per 100
Tigrinum Flore Pleno —(Double Tiger Lily). The well known double Tiger Lily. Rich Orange blossoms, 4 ft.	.10	1.00	7.00

	Each	Per Doz.	Per 100
Tigrinum Fortunei —(Improved Tiger Lily). Bulbs will produce more flowers than the ordinary variety	.15	1.50	10.00

	Each	Per Doz.	Per 100
Umbellatum . Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; midsummer	.12	1.25	8.00



LILIUM SPECIOSUM RUBRUM

We supply 6 bulbs at dozen rate, 25 at 100 rate, and 250 at 1000 rate.

Miscellaneous Bulbs and Roots

(Continued)



Vaughan's Giant Ixias

Much admired for their brilliant colors and graceful flower-stalks, resembling miniature Gladiolus. Colors include many shades of yellow, pink, scarlet and crimson. The center of the flower is always a distinct dark color and the contrast in full sunlight is very striking. Plant six or eight bulbs in a 6 in. bulb-pan, covering them 1 in. Not hardy, only in California or similar climates. Prices include postage.

	Each	Per Doz.	Per 100
Alba. Splendid white, purplish crimson eye, well shaped flowers.....	\$0.03	\$0.30	\$1.50
Crateroides Major. Bright scarlet, the earliest of all, good for forcing.....	.04	.35	2.00
Wonder. Bright rose, beautiful self colored variety	.04	.35	1.75
Sunbeam. Rich orange, with crimson stripes	.03	.25	1.25
Viridiflora (The Green Ixia). Flowers sea-green, with black eye.....	.08	.75	4.00
Extra Fine Mixed, per 1000.....	..	.15	.75

Leucojum Vernal (Spring Snowflake)

Pretty bulbous plants allied to the Snowdrop, but of much stronger and bolder habit, growing in rich soil from 1 to 2 ft. high, and producing freely beautiful large white flowers distinctly tipped with green; excellent for cutting. When once planted they take care of themselves. Should have a place in all hardy collections, particularly shady nooks; can be grown in pots. Per doz., 25c; per 100, \$1.50 (postpaid); per 1000, \$12.00.

Lily of the Valley (Ready in November)

An old, well known favorite; principally used for winter forcing. Very fragrant and produced in abundance. For indoor culture plant about 25 pips or roots in a 7-in. pot or pan, place outside, where they should be left until they have been subjected to several nights of freezing, which brings them into flower more readily. When grown outdoors always plant in a shaded place, preferably moist. They bloom in four weeks inside and, if planted at intervals, a succession of flowers can be had all winter. While the pips are adapted for outdoor culture, we especially recommend the clumps for this purpose, as they give a quicker and better effect at less cost. Price, per bundle of 25, includes postage; 100 pips weigh 5 lbs.; average weight of each clump is 3 lb. Postage extra as per rates on inside front cover.

Vaughan's "Perfection" Pips. These are specially selected and produce the largest sprays of bells.....

Fortin's New Giant Valley. The finest of all "Valley," having larger bells and longer and stouter stems than any other. Unsuitable for forcing.....

Large Imported Clumps. For outdoor planting in a shady moist position, these will give better bloom than the pips. Each 30c (postage extra).....

Per Doz. Per 100 Per 1000

Per Doz. Per 100

Valley from Cold Storage

For forcing. Flowers in about 3 weeks.

Case 500 pips, for \$11.00. Case 1000 pips, for \$20.00.

Muscari (Grape Hyacinth)

Beautiful little flowers for planting in masses either in shade or sun. Once planted they multiply rapidly and send up flower stems by the score each year. Also adapted for growing indoors. Plant six bulbs in a five-inch pot. Perfectly hardy.

Botryoides (Blue). Pretty little spikes of dark blue flowers; an old garden favorite used largely for small beds, edging, etc. Per dozen, 15c; per 100, 75c; per 1000, \$6.00 (postpaid).

Botryoides Album (Pure White). This is a beautiful companion to the above, and they make a striking show when planted together. Price, per dozen, 20c; per 100, \$1.00; per 1000 \$8.00 (postpaid).

Plumosum (Ostrich Feather or Plume Hyacinth), bearing large broad plume-like heads of a pretty mauve color. Price, per dozen, 25c; per 100, \$1.25; per 1000, \$10.00 (postpaid).

Ornithogalum Arabicum (Star of Bethlehem)

Tall spikes bearing large heads of white flowers with glistening black centres; this is a glorious bulbous plant, grown in a warm sunny border outside, or in pots for conservatory decoration; it forces well, and can be had in bloom by Easter, and it lasts long in flower. Height, 1½-2 ft. Extra fine flowering bulbs. Price, per dozen, 30c; per 100, \$2.00; per 1000, \$15.00 (postpaid).

Oxalis

Most of these Oxalis flower from October until Christmas, and later. Easily grown, requiring only a good, somewhat peaty soil, with considerable light, for their successful growth. Dozen and 100 prices include postage.

	Per Doz.	Per 100	Per 1000
Alba. White	\$0.25	\$1.25	\$10.00
Bermuda Buttercup. A profuse bloomer. The flowers, which are borne in clusters, are of a bright canary yellow, and make a beautiful contrast against the background of dark green foliage. Strong bulbs....	.40	2.25	18.00
Bowellii. Clear red.....	.35	1.75	15.00
Cernua Lutea. Yellow.....	.30	1.50	12.00
Cernua Lutea, fl. pl. (New) Double yellow.....	.40	2.25	18.00
Deppei Speciosa. Light carmine.....	.20	1.00	8.00
Grand Duchess (Lavender, white or pink). Flowers are large, often measuring 3 in. in diameter and are borne well above the foliage, the leaves being large, clover-shaped	.30	1.50	12.00
Hirta Rosea. Pink.....	.30	1.50	12.00
Mixed. Fine assortment.....	.15	.75	6.00

Vaughan's Seed Store:

Every bulb planted came up and flowered, not a single one missing. Can you beat this record? It is surely a pleasure to plant and care for such excellent bulbs, to watch them grow and bloom and enjoy them.

JOHN PLAYER, DUNKIRK, N. Y., 1915.

Parcel Post Rates are given on inside of front cover and on order sheet.

(Ranunculus Buttercup)

Nothing produces a brighter or more gorgeous effect in June and July than beds of *Ranunculus*; the flowers are all good for cutting, and the culture is very simple. They thrive in any ordinary garden soil, but should have protection in spring from the late frosts and sharp winds. Plant outside latter end of March or early April, as soon as frost is out of the ground, or earlier in hot bed if desired for early cutting. Plant in November for early Spring bloom in frames. Set the tubers 3 or 4 inches apart, pressing them firmly into the soil, **claws downwards**, and cover them with sand, then with soil; keep the crown of the tuber two inches under the surface. During dry weather the plants should be given abundance of water. **Prices Include Postage.**

	Per Doz.	Per 100	Per 1000
PERSIAN, Fireball. Vermilion.....	\$0.25	\$1.25	\$10.00
Hector. White pointed brown.....	.25	1.25	10.00
Mont Blanc. Pure white.....	.25	1.25	10.00
Zwarte Konig. Black.....	.35	1.75	15.00
Mixed. All colors.....	.20	1.00	7.00
FRENCH, Princess Alice. Yellowish white.....	.25	1.25	10.00
Radetsky. Fine scarlet.....	.25	1.25	10.00
Sulphurex. Light brown.....	.25	1.25	10.00
Mixed. All colors.....	.20	1.00	7.00
TURBAN, Hercules. Pure white.....	.35	1.75	15.00
Merveilleuse. Orange-yellow.....	.35	1.75	15.00
Romano. Scarlet.....	.25	1.25	10.00
Mixed. All colors.....	.20	1.00	7.00

(Snowdrops Galanthus)

In early spring there is nothing more beautiful than graceful blossoms of the snowdrop. Beds and effects of surpassing beauty may be arranged with Snowdrops in the center, edged with *Scilla Sibirica*, or *Chionodoxas*. In beds of Tulips and Hyacinths, Snowdrops are very effective between the lines; they flower while these bulbs are just moving the surface, and when the flowers are over there remains an elegant groundwork of green foliage. Used as a permanent edging, and in masses on the edges of lawns, nestling in the grass, they look charming. Snowdrops are easily flowered in pots during the winter.

	Per Doz.	Per 100	Per 1000
Price per dozen and 100 includes postage.			
SINGLE (Largest Bulbs)	\$0.15	\$1.00	\$ 8.00
DOUBLE (Largest Bulbs)	.25	1.50	13.00
Elwes' Giant (Galanthus Elwesi). One of the finest of the genus, at least three times the size of the ordinary single Snowdrop; flowers slightly marked with green spots; fine for cutting.			
Price, per doz., 15c; per 100, \$1.00; per 1000, \$8.00.			



SCILLA CAMPANULATA

Scillas (Squills or Wood Hyacinths)

As edgings and masses in beds and borders, Scillas are most valuable, and produce a grand effect in flower and shrubby borders, and are also most valuable for wild gardens and woodlands, where they should be largely naturalized. They succeed in shady flower borders and bare shady places, and odd corners which often have a desert-like appearance in the flower garden can by their use be rendered bright and cheerful.

	Per Doz.	Per 100	Per 1000
Price per dozen and 100 includes postage.			
SIBIRICA (The Blue Squill) —Bright blue, nothing more beautiful for edgings or pots in early spring, flowering with the Snowdrop. Height, 4 inches.			
Jumbo Bulbs	\$0.35	\$2.00	\$15.00
Mammoth Bulbs	.25	1.25	10.00
Select Bulbs	.20	1.00	8.00
CAMPANULATA —Large bells, clear blue, very erect habit. (15 in.).....	.20	1.15	9.00
Alba. Pure white. (12 in.).....	.15	1.00	8.00
Rosea. Fine rose. (15 in.).....	.20	1.15	9.00

Sparaxis

Beautiful flowers about 2 inches across, borne on long, graceful spikes; the colors are of the most telling combinations and of the brightest shades. **Price, per doz., 20c; per 100, \$1.00 (postpaid); per 1000, \$7.00.**

Spiraeas (Ready in November)

These are remarkably elegant and graceful plants; with large heads of pink and white flowers, and are strongly recommended for early forcing. Use as small a pot as the clump will conveniently fit in, with good drainage, and water regularly twice a day.

If by Parcel Post, each clump weighs from 1½ to 2 lbs.
GLADSTONE. Produces enormous spikes of pure white flowers and resplendent with foliage of beautiful green. Best of all Spiraeas. Each, 15c; doz., \$1.50.
QUEEN ALEXANDRA (Pink). Of a clear pink color that does not fade with age, with dense compact spikes. Each, 20c; doz., \$2.00.

Triteleia Uniflora

A pretty little blue and white flower for edging beds and borders of taller spring flowering bulbs. (4 in.) **Price, per doz., 15c; per 100, 75c (postpaid); per 1000, \$6.00.**

Trillium Grandiflorum

NATIVE WOOD LILY. Flowers pure white, turning in a few days to a soft rose. Very hardy. (12 in.) **Price, per doz., 75c; per 100, \$4.00 (postpaid); per 1000, \$35.00.**



6 Bulbs of a kind supplied at dozen rate; 25 at 100 rate; 250 at 1000 rate.



PANSY—Vaughan's International Mixture

Vaughan's International Mixture

This is one of the specialties which has established and held the reputation of Vaughan's Flower Seeds, and the one which we maintain most carefully, not alone as to quality, but in vitality and germination.

Price, 5 pkts., \$1.00; 3 pkts., 65c; pkt. (250 seeds)..... 25c

Vaughan's Giant Mixture

Includes the richest reds, coppers and bronzes, together with the most delicate rose pink shadings and the Masterpiece strain with its delicate veinings and ruffled petals. 1/8 oz., \$1.00; 1 pkt., (250 seeds), 20c; 3-20c pkts., 50c; 125 seeds..10c

Vaughan's Collection of Giant Pansies

One packet, containing 50 seeds each, of Emperor William, Coal Black, Fiery Faces, Lord Beaconsfield, Pure White, Pure Yellow, Madam Perret, 7 pkts. for 25c



CAMPANULA (Canterbury Bell)

Vaughan's Giant Pansies

	1/8 oz.	Pkt.
Bridesmaid. Ground color rosy white, with a dark blotch in center.....	40c	10c
Coal Black. A jet black of truly giant size.....	25c	10c
Emperor William. Splendid ultra marine blue with purple eye.....	25c	10c
Fiery faces. Rich scarlet with gold edge and yellow center.....	35c	10c
Lord Beaconsfield. Rich combination of purple and lavender, shading to white near the top.....	25c	10c
Madam Perret. Dark wine, pink and red, beautifully veined and all with a white margin.....	25c	10c
Masterpiece or Spencer. The flowers are fluted and curled so as to appear double. Colors are varied and beautiful. 1/8 oz. 50c.....	100 seeds	10c
President Carnot. Ground color white, while each petal has a blotch of dark violet.....	40c	10c
President McKinley. The ground color is golden yellow, while each petal has a blotch of dark violet.....	50c	10c
Psyche. The characteristic five velvety blotches are surrounded by a broad white edge, curled and undulated.....	45c	10c
Pure White. Pure white without blotches.....	30c	10c
Pure Yellow. Pure golden yellow without blotches.....	25c	10c
Vulcano. Color bright dark red, each petal being marked with a very large dark blotch, the edges curled like Masterpiece.....	40c	10c
White with Eye. White with large violet blotch on three lower petals.....	25c	10c
Yellow with Eye. Clear yellow, heavily blotched on the lower petals....	25c	10c

New Early Flowering Giant Pansies

This new strain produces its giant flowers about **six weeks earlier** than other known types. In the early part of March this year, when the old type Pansies hardly showed any buds, the plants of this new strain bore from three to five of their giant flowers. White, Yellow, Light Blue, Dark Blue and Mixed, each, per pkt., 25c; 1/16 oz., \$1.50.

Pkt.



SWEET PEAS—Winter Flowering

Sweet Peas for Fall Planting

Sowing in late November or early December in the open ground secures flowers earlier in the season than from seeds grown in spring, and the root growth is stronger, so it carries a plant through a dry season better, and the season of blooming is prolonged.

Collection 10 Best Sweet Peas

One (regular size) packet of each, 10 for 50 cents, prepaid.

White. King White.
Bicolor. Mrs. Cuthbertson.
Blue. Margaret Madison.
Crimson. King Edward VII.
Pale Pink. Elfrida Pearson.

Deep Pink. Countess Spencer.
Rose. Marie Corelli.
Maroon. Othello.
Lavender. Florence Nightingale.
Orange Pink. Edrom Beauty.

Biennial and Hardy Perennial Seeds

	Pkt.		Pkt.
Abobra Viridiflora, climber, scarlet fruit.....	\$0.10	Ampelopsis Veitchi, Boston Ivy.....	\$0.05
Acanthus, Latifolius, very ornamental....	.10	Anchusa Angustifolia	.10
Mollis, fine foliage.....	oz. 15c	Italica, Dropmore variety.....	.25
Achillea Ptarmica, fl. pl., "The Pearl"....	.10	Anemone Sylvestris, white.....	.10
Aconitum Napellus (Monk's Hood), blue..	.05	Coronaria, mixed	.05
Adenophora Potaninii, light blue.....	.10	St. Brigid's Hybrids.....	.15
Adumia Cirrhosa (Allegheny Vine).....	.10	Pulsatilla	.10
Adonis Vernalis, bright yellow..1/2 oz. 15c	.05	Anthemis Tinctoria (Golden Marguerite)..	.10
Agathaea Coelestis, sky blue.....	.10	Kelwayi, golden yellow.....	.10
Agrostemma Coronaria, mixed.....	.05	Aquilegia Chrysantha (Golden Columbine)..	.10
Flos Jovis, pink.....1/2 oz. 15c	.05	Chrysantha Grandiflora Alba, white..	.10
Alyssum Saxatile Compactum, yellow.....	.05	Fl. Pleno, double.....	.15
		Canadensis	.10

Seeds of Biennials and Hardy Perennials—Continued

	Pkt.		Pkt.		Pkt.
<i>Aquilegia Coerulea</i> , ¼ oz. 25.....	\$0.10	<i>Dianthus Barbatus</i> —Continued		<i>Liatris Spicata</i>	\$0.10
<i>Coerulea Hybrida</i> (Haylogensis) ¼ oz.		Newport Pink, rose.....	\$0.10	Elegans.....	.10
30c.....	.10	Salmon, salmon.....	.10	<i>Linaria Cymbalaria</i> (Kenilworth Ivy), pink.....	.05
Rose Queen, new, pink.....	.15	Double Mixed.....	¼ oz. 20c.....	<i>Linum Perenne</i> (Perennial Flax), blue.....	.05
English Long Spurred.....	.15	Double White.....	.05	<i>Perenne fl. albo</i> , white.....	.05
<i>Helenae</i> , large flowering, deep blue with		Double Blood-red.....	.05	Mixed.....	.05
white corolla.....	.10	Double Rose.....	.05	Flavum, yellow.....	.10
<i>Nivea Grandiflora</i> , large white.....	.05	Giant Flowered, single mixed.....	.10	<i>Lobelia Cardinalis</i> (Cardinal Flower).....	.05
<i>Vervaneana Atrorivacea plenissima</i>		Giant Flowered, double mixed.....	.10	Syphilitica, blue.....	.15
double dark violet.....	.05	Vaughan's Special Mixture.....	.25	<i>Lupinus Polyphyllus Roseus</i>	.10
<i>Vulgaris Alba Plena</i> , double white.....	.05	Johnson's Giant.....	.15	Albus, white.....	.05
<i>Vulgaris fl. pl.</i> , double mixed, ¼ oz. 15c	.05	Sutton's Scarlet.....	.15	<i>Atro-coeruleus</i> , dark blue.....	.05
Single mixed.....	.05	Barbatus x <i>Chinensis</i>	.10	Mixed.....	.05
Barr's Scarlet and Pink shades.....	.25	<i>Plumarius</i> (Pheasant's Eye), single		<i>Arboreus</i> , Snow Queen.....	.10
Vaughan's Special Mixture, all above		mixed.....	.05	<i>Lychnis Chalcidonica</i> (Lamp Flower).....	.05
varieties.....	.25	Double fine mixed.....	.10	Alba, white.....	.10
<i>Arabis Alpina</i> (Alpine Rock Cress), white,		Albus Plenus.....	.15	Alpina.....	.10
sweet scented.....	¼ oz. 25c.....	Diadematus, rose, spotted and		Flos Cuculi.....	.10
<i>Aristolochia Siphon</i> (Dutchman's Pipe).....	.10	sprinkled with white.....	.10	Haageana.....	.10
<i>Armeria Maritima</i> (Cushion Pink), purple.....	.05	Perfection, white, crimson center.....	.10	Hybrids.....	.05
Formosa (Sea Pink).....	.10	Semperflorens, single and double		Nana, dwarf.....	.10
<i>Asclepias Tuberosa</i> , orange.....	.10	mixed.....	.10	Sieboldi, large white flowers.....	.10
<i>Asperula Odorata</i> (Woodruff or Waldmeister)		Cyclops, best single.....	.10	<i>Lythrum Roseum Superbum</i>	.10
ter.....	.10	Nanus fl. pl., new early flowering		<i>Matricaria Capensis fl. pl.</i>	.05
<i>Aster</i> , Perennial Mixed (Michaelmas Daisy).....	.10	sorts.....	.15	Capensis Alba Plenissima, best.....	.10
<i>Auricula</i> , Extra Choice Mixed.....	.10	Vaughan's Special Mixture.....	.15	Golden Ball.....	.10
<i>Baptisia Australis</i> (False Indigo), blue.....	.05	<i>Dictamnus Fraxinella</i> (Gas Plant).....	.05	<i>Monarda Didyma</i>	100 seeds 50c
<i>Bellis</i> or Double Daisy.....		Fraxinella Alba.....	.05	Hybrids.....	.10
Vaughan's Mammoth Mixture.....	.10	<i>Digitalis Grandiflora</i> (Golden Foxglove)		<i>Myosotis</i> —See Forget-Me-Not.....	
Vaughan's Mammoth, White.....	.10	dwarf.....	.05	<i>Oenothera Fraseri</i>	.10
Vaughan's Mammoth, Pink.....	.10	Gloxiniæflora, mixed.....	.05	Macrocarpa.....	.10
Longfellow, double dark pink. ¾ oz. 50c	.10	White, pink, purple.....	each.....	Youngei.....	.15
Snowball, double pure white. ¾ oz. 50c	.10	Maculata Iveryana, Iver's Spotted.....	.05	<i>Papaver Nudicaule</i> (Iceland Poppy), mixed.....	.10
Monstroza White.....	.15	Purpurea Monstroza, mixed.....	.10	Nudicaule, yellow, orange, white, striped.....	.15
Pink.....	.15	Purpurea, mixed.....	¼ oz. 15c.....	Double Mixed.....	.15
<i>Bocconia Japonica</i> (Plume Poppy) fine foliage		Vaughan's Special Mixture.....	.15	Orientele (Oriental Poppy), scarlet.....	.10
plant.....	.10	<i>Echinacea Hybrida</i>	.15	Orientele, Hybrids, new varieties, mixed.....	.10
<i>Bupththalmum Cordifolium</i>	.10	Echinops Ritro, blue, fine.....	.10	Bracteatum, scarlet.....	.05
<i>Campanula Carpatia</i> (Hare Bell).....	.05	Sphaerocephalus, pale blue.....	.10	<i>Pentstemon Gentianoides Grandiflora</i> , newest	
<i>Carpatia Alba</i> , white.....	.05	Edelweiss (Gnaphalium Leontopodium).....	.10	large flowering varieties, mixed.....	.25
<i>Macrantha</i> , blue, large flowers.....	.10	<i>Erigeron Aurantiacus</i> Hybrids, large flowering		Pubescens.....	.05
Medium, single mixed (Canterbury		hybrids of the "Orange Daisy".....	.10	Pulchellus Hybridus.....	.10
Bell).....	.05	<i>Grandiflora Elatior</i>	.10	Digitalis.....	.05
Medium double mixed.....	.05	<i>Eryngium Amethystinum</i> , steel blue.....	.10	<i>Phlox Decussata</i> , perennial varieties, mixed.....	.10
Double and Single Mixed.....	.05	Alpinum.....	.10	Physalis Franchetti.....	.10
<i>Calycanthema</i> (Cup-and-Saucer)		Planum.....	.10	<i>Physostegia Virginica</i> (Speciosa), pink.....	.05
choice mixed.....	.05	<i>Eupatorium Fraseri</i> , white.....	.10	<i>Virginica Alba</i> , fine cut-flower.....	.10
<i>Calycanthema</i> , pink, striped, blue,		Forget-Me-Not, <i>Myosotis Alpestris</i> , blue.....	.05	<i>Platycodon Mariæi</i> , dwarf blue.....	.10
white.....	.05	Alpestris, white.....	.05	Mariæi flore albo, white.....	.10
<i>Mirabilis</i> , beautiful species.....	.10	Rosea, pink.....	.05	Macranthum Majus.....	.15
<i>Persicifolia Grandiflora Alba</i>	.10	Eliza Fonrobert.....	.05	Grandiflora, blue.....	.05
<i>Coerulea</i>	.10	Victoria.....	.10	Album.....	.10
Mixed.....	.10	Mixed.....	.05	Double white.....	.10
Moerheimi, double white.....	.25	Ruth Fischer.....	.25	Double blue.....	.10
<i>Pyramidalis</i> , white.....	.10	Dissitiflora.....	.10	Poppy—See Papaver.....	
Blue.....	.10	Palustris Semperflorens.....	.10	<i>Potentilla Formosa</i>	.10
Perennial Varieties, Vaughan's Special		Palustris, true.....	.10	Fine single hybrids, mixed.....	.05
Mixed.....	.25	Star of Love, very free flowering.....	.25	Hybrida fl. pl., newest double mixed.....	.10
<i>Candytuft Sempervirens</i> , white.....	.10	Vaughan's Early and Late Flowering.....	.10	<i>Primula Japonica</i> , mixed.....	.10
<i>Gibraltarica</i> , large flowers, lilac shading		<i>Gaillardia Grandiflora</i> , mixed.....	.10	Sieboldi.....	.10
to white.....	.10	Grandiflora Compacta, mixed.....	.10	<i>Vulgaris</i> (Yellow Primrose).....	.10
<i>Canterbury Bell</i> —See <i>Campanula Medium</i>		New Hybrids. The flowers are of enormous		Veris, fine mixed.....	.10
<i>Catananche Coerulea</i> , blue.....	.10	size and the colors the most		Grandiflora, extra choice strain.....	.25
White.....	.10	varied we have ever seen.....	.25	<i>Pueraria Thunbergiana</i> (Kudzu Vine).....	.05
<i>Cerastium Tomentosum</i> , white.....	.10	<i>Grandiflora Maxima Kermesina Splendens</i>		<i>Pyrethrum Roseum</i> , single mixed.....	.10
<i>Chelone</i> , New Hybrids, mixed; beautiful hybrids,		.....	.10	Roseum Hybridum, double mixed.....	.25
varying from flesh-color pink to dark		<i>Sulphurea Oculata</i> (Sulphur Queen).....	.10	Roseum Hybridum Grandiflorum.....	.15
red and violet.....	.10	Coppery red.....	.10	New Hybrids.....	.25
Lyoni, deep red blossoms.....	.10	<i>Gentiana Acaulis</i> , dark blue.....	.10	<i>Rehmannia Angulata</i>	.25
Torreyi, scarlet flowers.....	.10	<i>Geum Atrorogineum fl. pl.</i> , double scarlet.....	.10	Rheum Palmatum Tanguticum.....	.05
<i>Chrysanthemum Maximum</i> (Ox-Eye Daisy).....	.05	Golden Rod, American National Flower.....	.05	Romneya Coulteri (California Giant Poppy).....	.10
<i>Leucanthemum</i> , snow white with yellow		<i>Gypsophila Paniculata</i> ; fine for bouquets.....	.05	<i>Rudbeckia Laciniata</i> , yellow.....	.05
disk.....	.10	<i>Helenium Autumnale Superbum</i>	.10	Newmanii.....	.10
<i>Uliginosum</i> , white, splendid fall bloomer.....	.10	Bigelowi.....	.10	Purpurea (Echinacea).....	.10
<i>Shasta Daisy</i> , Alaska.....	.10	Hoopesi.....	.10	Grandiflora.....	.15
<i>Cineraria Maritima</i> , Diamond.....	.05	Riverton Gem.....	.10	Fulgida.....	.10
Candidissima.....	.10	Riverton Beauty.....	.10	Nitida Autumn Glory; fine.....	.25
<i>Coreopsis Lanceolata</i> , golden yellow.....	.10	<i>Helianthus</i> (Sunflower) Perennial Hybrids.....	.25	<i>Salvia Argentea</i> , silver-leaved sage.....	.05
Grandiflora.....	.10	Maximiliani, early flowering.....	.10	Patens.....	.10
Grandiflora Eldorado.....	.10	<i>Heliopsis Pitcheriani</i> (Orange Sunflower).....	.10	<i>Santolina Maritima</i>	.10
Daisy—See <i>Bellis</i>		<i>Hesperis Matronalis</i> (Sweet Rocket), purple.....	.05	<i>Saponaria Ocymoides Splendens</i> , crimson	
Daisy (Shasta)—See <i>Chrysanthemum</i>		Matronalis Alba.....	.05	flowers.....	.05
<i>Delphinium</i> (Larkspur), <i>Elatium Hybridum</i> ,		<i>Heuchera Sanguinea</i> (Alum Root).....	.10	Caucasica fl. pl.....	.10
mixed.....	.1 oz. 40c.....	Sanguinea Splendens.....	.10	<i>Scabiosa Caucasica</i> , lavender.....	.15
<i>Cashmerianum</i> , purplish blue.....	.10	Brizoides.....	.10	Caucasica Alba, white; fine cut-flower.....	.15
Formosum, blue.....	¼ oz. 25c.....	<i>Hibiscus</i> (Crimson Eye).....	.05	<i>Japonica</i>	.15
Double Hybrids, mixed, very choice.....	.15	Mallow Marvels, mixed.....	.10	<i>Sedum Coeruleum</i> (Stone Crop).....	.10
Gold Medal Hybrids.....	.25	Giant Yellow, or Golden Bowl.....	.10	<i>Silene Orientalis</i>	.05
<i>Chinensis</i> , single blue.....	.05	Moscheutos.....	.10	<i>Stachys Lanata</i>	.05
Single white.....	.05	<i>Hollyhocks</i> , Double White, Yellow, Pink,		<i>Stachys Latifolia</i>	.10
<i>Nudicaule</i> , scarlet.....	.20	Blood Red, Deep Rose, Salmon, Crimson,		<i>Stokesia Cyanea</i> (Stokes' Aster).....	.10
<i>Cashmerianum</i> , deep purplish blue.....	.10	Dr. Faust.....	each, ¼ oz. 30c.....	Cyanea Alba.....	.10
Caucasicum, sky blue.....	.15	Prize Double Mixed.....	¼ oz. 25c.....	Sweet William—See <i>Dianthus Barbatus</i>	.10
<i>Sibericum Hybridum</i> , blue shades.....	.10	Single, good mixed.....	¼ oz. 20c.....	<i>Thalictrum Adiantifolium</i>	.10
<i>Speciosum Glabratum</i>	.10	Allegheum, Mammoth Flowering, mixed.....	.10	<i>Tritoma Uvaria Grandiflora</i> , new hybrids.....	.10
Zalil, sulphur yellow.....	.25	Everblooming Single Hybrids.....	.10	<i>Veronica Spicata</i>	.10
Vaughan's Special Mixture of Perennial		Everblooming Double Hybrids.....	.10	<i>Viola Odorata Semperflorens</i>	.10
Larkspur.....	.25	<i>Hyacinthus Candicans</i>	.05	Cornuta (Tufted Pansies), white, yellow,	
<i>Dianthus Barbatus</i> (Sweet William), single		<i>Incarvillea Grandiflora</i>	.10	blue.....	each.....
mixed.....	¼ oz. 10c.....	Delavayii (Hardy Gloxinia).....	.10	<i>Viola Cornuta</i> , Mixed.....	.10
<i>Barbatus Albus</i> , white.....	.05	<i>Inula Glandulosa Grandiflora</i>	.10	Improved Mixture of face types.....	.25
<i>Atrorogineus</i> , blood red.....	.05	Ensifolia.....	.10	Wallflower, best double mixed.....	.10
<i>Carmine Beauty</i>	.15	<i>Iris Kaempferi</i>	.10	Single mixed.....	¼ oz. 15c.....
<i>Diadematus</i> , rose, spotted with white.....	.10	<i>Lathyrus Latifolius</i> (Perennial Pea), white.....	.05	<i>Wistaria Chinensis</i>	.10
<i>Harlequin</i>	.10	Red.....	.05		
		Mixed.....	.05		
		Pink Beauty.....	.05		

Decorative and House Plants

These make excellent presents for birthdays, holidays, etc. Customers who wish to have any of these plants shipped or delivered may depend on getting choice plants. We shall be glad to attach cards if desired.

Besides the sizes we list, we have choice and larger plants, ranging in prices from \$2.00; \$3.00, \$5.00 and up to \$30.00 in some varieties.

Unless instructed to the contrary, all orders are forwarded by express at buyer's expense.

Plants by Mail. Small plants, when ordered at the "each" price, will be sent free by mail when so desired, and it is practicable, the soil being entirely or partly removed and the roots carefully wrapped in damp moss. Small orders, accompanied by extra money for postage, will be sent by mail if so instructed; a list of postal rates for the different zones will be found on inside of front cover; for weights see page 27. Bulky plants such as large Roses, Shrubs, etc., we send by express only.

Plants by Express. We strongly urge this method of transportation, as it enables us to give better values in larger and finer plants and they will arrive in a more satisfactory condition. We add extra plants to help defray express charges.

Plants by Rail. Trees, Shrubs and other dormant stock can be forwarded safely by fast freight lines, even to very distant points, at low rates.

Safe Arrival Guaranteed. We guarantee the safe arrival of all plants to any point in the U. S. or Canada when sent by express. If forwarded in any other manner they are entirely at the risk of the purchaser.

Important. All orders are shipped as soon as possible upon receipt. If instructions accompany the order, we will reserve plants for future shipment. This applies especially to plants ordered during freezing weather.

ARAUCARIA (Norfolk Island Pine). 12 in. high, \$1.00 each (by express).

ASPARAGUS Plumosus (Lace Fern). Fine for table decoration. 15 cents each, postpaid. Larger plants, 25 cents and 50 cents each (by express).

Sprenger. Suitable for hanging baskets, 15 cents each, postpaid; 4 in. pot plants, 25 cents each (by express).

ASPIDISTRA, Green or Variegated. (Iron Plant.) \$1.50 and \$2.00 each (exp.)

AUCUBA Japonica Variegata. Much prized for hall decoration. Large glossy green leaves, spotted yellow. 15-18 in. high, by express, each \$1.00, 3 for \$2.75; 24-30 in. high (by express), each \$2.00; 3 for \$5.50.

AZALEAS. Fine winter-blooming house plants. Colors from pure white to deep crimson-scarlet. Plants freshly imported ready Nov. 1st.

12 to 14 inches, by express, each.....\$1.00

14 to 16 inches, by express, each.....1.50

For larger sizes write for prices.

BOXWOOD. Sheared into compact shape these Box Trees make beautiful specimen plants in any form which can be used for all decorative purposes like the Bays, but at less expense. The Bush plants can also be used with telling effect for window boxes. All except the bush shaped plants are in new green tubs.

	Each	Pair
2½ ft. Pyramid.....	\$2.50	\$4.50
3 ft. Pyramid.....	3.00	5.50
4 ft. Pyramid.....	5.00	9.00

Globe Shaped

	Each	Pair
15 in. high, 15 in. diam.....	\$3.50	\$6.00
18 in. high, 18 in. diam.....	4.00	7.00

Bush Shaped

Height	Each	Pair	Doz.	100
10-12 in.....	\$0.40		\$3.50	\$30.00
18 in.....	.85	\$1.60	9.00	
24 in.....	1.50	2.50		
30 in.....	3.00	5.50		

CALADIUMS, Fancy Leaved. Named varieties for conservatories or planting outside in partially shaded borders when ground is warm. Dormant bulbs, ready in January, each 30 cents; 6 for 1.50; doz., \$2.50, postpaid.



BOSTON FERN



CROTON

CHRYSANTHEMUMS. Bush plants in bloom, ready for delivery from October 20th to November 20th, in all colors, from 75 cents each and up. Write for sizes.

CROTONS. The richest of all variegated plants, fine for indoor culture. Large plants, each 50 cents; specimens, each \$1.00, \$1.50, \$2.00 and \$3.00 (by express).

CYCLAMEN, Dark Crimson, Dark Rose, White and Pink. 4 in. pots, each 50c; 5 in. pots, each \$1.00; 6 in. pots, \$1.50 to \$2.00 each (by express).

CYPERUS ALTERNIFOLIUS. (Umbrella Plant.) Excellent house or aquatic plant. 3 in. pots, each 15 cents; 4 in. pots, each 25 cents.

DRACAENAS, Massangeana and Terminalis, in various sizes for conservatories. 75 cents to \$2.00 each, by express.

FERNS. Boston. Long, gracefully drooping fronds which frequently attain a length of six feet. Called by many the Fountain Fern. Deserves wide use as a house plant for tables or pedestals. 20 cents each; 3 for 50 cents, postpaid. Larger plants, 50 cents, 75 cents, \$1.25 each. Specimens, \$3.00 to \$6.00. All by express.

Nephrolepis Roosevelt, Jr. ("Teddy Jr.") A sport from the above producing short but broader fronds, tapering from base to tip, which droop gently, forming a very graceful plant. Small plants, each 20 cents; 3 for 50 cents, postpaid. Larger plants, 75 cents to \$2.50 each (exp.).

Nephrolepis Whitmani (Ostrich Plume Fern). Finely divided fronds resembling a plume. 20 cents each; 3 for 50 cents, postpaid. Larger plants, 75 cents and \$1.25 each (exp.).

Adiantum Hybridum (Maiden Hair). Each 20c; 3 for 50c, postpaid. Small Ferns for Dishes. We sell thousands of these handsome ferns, dwarf in habit, for fern dishes. One each, 8 distinct varieties. 15 cents each; 3 for 40 cents; 10 for \$1.00, postpaid.

FICUS Elastica (Rubber Tree). 12 in. high, 60 cents each, by express.

FICUS Repens. A trailing or creeping variety with small foliage; useful for baskets. Small plants, each 20 cents; 3 for 50 cents. Larger plants, each 35 cents.

NEW FRENCH HYDRANGEAS. Of all the plants for Easter and Spring flowering this one is probably the most popular and important. The following varieties have been selected as the best. Ready November 1st.

Avalanche. Splendid pure white, fine form.

La Lorraine. Larger crimped flowers, bright pink.

Mme. Emile Mouilliere. Large crimped, pure white.

Mme. Maurice Hamar. Fine flesh pink.

Otaka. The old favorite pink.

Radiant. Splendid rose carmine.

Souv. de Mme. Chantard. Dark pink.

Prices: 4 in. strong plants, each 35 cents; 6 in., \$1.00 (by express).

PRIMULA Obconica. Pink, Rose, Soft Lilac and Crimson.

Sinensis (Chinese Primrose). Blue, Pink, Red and White.

Any of the above, each 15 cents; 3 for 40 cents (postpaid).

PALMS, Kentia Belmoreana, and Fosteriana, 4 in., each 75 cents; 5 in., each \$1.25; 6 in., each \$2.00.

(Write for prices on larger sized Palms.)

PANDANUS (Screw Pine) Utilis. Green leaves, red spines, 50 cents and 75 cents each (exp.).

Veitchii. Variegated green and white. \$1.00, \$2.00 and \$3.00 each (by exp.)

HARDY PERENNIAL PLANTS



HEMEROCALLIS



GERMAN IRIS

Vaughan's Special Offer of Hardy Plants in Variety

The plants in the following collections will be of the most desirable varieties and of the best quality, but in every instance the selection of varieties will be our own.

We cannot furnish list of varieties in these collections but will send out everything labeled.

No. 21—Hardy Plants	25 first class plants in variety for	\$ 3.00
No. 22—“	50 “ “ “	5.00
No. 23—“	100 “ “ “	9.50
No. 24—“	250 “ “ “	23.00
No. 25—“	500 “ “ “	45.00
No. 26—“	1000 “ “ “	85.00

Plants and Bulbs for Spring Effect

All the varieties of plants marked thus § in the following lists are especially desirable for **planting in the fall** with bulbs—more particularly with Daffodils, and Darwin and Cottage Tulips. The majority are of dwarf habit, perfectly hardy and produce striking effects as edgings or carpeting to beds or borders where bulbs are planted.

Botanical Name.	Common Name.	Flowering Period.	Color.	Height.	Each.	Doz.
ACHILLEA	Milfoil.	Yarrow.				
Millefolium Roseum		June-Aug.	Pink	2 ft.	15c	\$1.50
Parker's Variety		June-Aug.	Yellow	4-5 ft.	15c	1.50
Ptarmica, Boule de Neige (Ball of Snow)		June-Aug.	White	2 ft.	15c	1.50
The Pearl		June-Aug.	White	2 ft.	15c	1.50
ACONITUM	Monkshood					
Fisheri		Sept.-Oct.	Light Blue	3 ft.	25c	2.50
Napellus		Aug.-Sept.	Dark Blue	4 ft.	25c	2.50
Bicolor		Aug.-Sept.	Blue and White	2½ ft.	25c	2.50
Spark's var		Sept.-Oct.	Dark Blue	5 ft.	25c	2.50
ACTAEA						
Japanica	Baneberry	Sept.-Oct.	White	2½ ft.	25c	2.50
Simplex		Sept.-Oct.	White	3 ft.	25c	2.50
§ AJUGA						
Reptans Atropurpurea	Bugleweed	May	Blue to Rose	3 to 6 in.	15c	1.50
§ ALYSSUM	Madwort					
Saxatile Compactum	Gold Dust	May-June	Golden Yellow	1 ft.	15c	1.50
AMSONIA	Amsonia					
Salicifolia		June	Light Blue	2 ft.	20c	2.00
ANCHUSA	Alkanet					
Italica Dropmore Variety		May-June	Blue	5-6 ft.	25c	2.50
ANEMONE	Wind Flower.					
Canadensis		June-Aug.	White	1 ft.	15c	1.50
§ Sylvestris		May-June	Single White	6-8 in.	15c	1.50
§ Sylvestris Fl. Pl.	Snowdrop Windflower	May-June	Double White	6-8 in.	25c	2.50
Japanica	These should be planted in the spring.					
ANTHEMIS	Marguerite.					
Kelwayi		May-July	Yellow	1 ft.	15c	1.50
Tinctoria		June-Sept.	Lemon Yellow	2 ft.	15c	1.50
AQUILEGIA	Columbine.					
Canadensis		June-Aug.	Red and Yellow	2 ft.	15c	\$1.50
Chrysanth	Spurred	June-Aug.	Golden Yellow	3 ft.	15c	1.50
Alba	Spurred	June-Aug.	Pure White	2 ft.	15c	1.50
Coerulea	Spurred	June-Aug.	True Blue	1 ft.	15c	1.50
Hybrida	Spurred	June-Aug.	Mixed	1 ft.	15c	1.50
Nivea Grandiflora		June-Aug.	White	2 ft.	15c	1.50
Rose Queen	Spurred	June-Aug.	Beautiful Pink	1 to 1½ ft.	15c	1.50
Vulgaris Alba Fl. Pl.		June-Aug.	Double White	2 ft.	15c	1.50
Long Spurred Mixed		June-Aug.	Mixed	1½ to 2 ft.	15c	1.50
ARABIS						
§ Alpina	Rock Cress	April-May	White	6 in.	15c	\$1.50
ARALIA						
Cordata	Japanese Udo	July	White	6 ft.	2 yr. 35c	
ARMERIA	Thrift, Sea Pink					
Formosa		June	Pink	9 in.	15c	1.50
§ Lauchiana		May	Rose	6 in.	15c	1.50

Darwin Tulips planted among Perennial plants make a gorgeous display in May

About Prices

Where the price each is given, the following are our rates for 3 and 12 of a kind.

Each	3 for	Each	3 for
\$0.10	\$0.25	\$0.35	\$1.00
15c per 100	\$10.00	40c	1.10
20c per 100	12.00	50c	1.25
25c per 100	15.00	65c	1.40
30c		80c	

Parcel Post

The following are the approximate weights of plants which can be sent by Parcel Post. Parcel Post rates are given on inside of front cover, and on order sheet of this catalog. Add postage at zone rates.

	3 Plants	6 Plants
Plants, in 2½-inch paper pots	1 lb	2-3 lbs.
Plants, in 4-inch paper pots	3-4 "	7-8 "
Perennial Plants, (Paper wrapped)	1½-2 "	3-4 "

Use, Soil, Position, Etc.

Achilleas are of easy culture and grow in any good garden soil. They are useful for the border, wild garden or shrubbery; also for cutting. Boule de Neige is a new variety and is the best of its class.

Erect growing plants, with palmately divided foliage; good for under trees or shady places, where they thrive best. The roots are poisonous. Fisheri is a dwarf variety not growing over 3 feet high with glistening foliage and bright blue flowers. Spark's variety is a rare plant and darkest of all.

A native plant, with long, feathery racemes; requires a shady place. The flowers are followed by clusters of black berries.

Useful for rockery and ground carpet, especially in places too shady for grass.

Showy spring flowering plants. Valuable for front row in border or rock garden.

Very pretty with terminal panicles of pale blue flowers with a white throat. Half shady position best.

Forget-Me-Not like, blue flowers, borne in great profusion. One of the best blue perennials, coming into bloom before the Delphiniums, and continuing in flower throughout the summer.

Anemones are valuable hardy plants for the decoration of the garden and for cut flower purposes.

Canadensis is a pretty flower producing its white flowers in profusion throughout the summer. Sylvestris thrives well in shade.

These Hardy Marguerites are most satisfactory perennials, succeeding in the poorest soil. The flowers are yellow, Tinctoria being of a lighter shade than Kelwayi; both are very floriferous.

The Columbine is one of the most beautiful hardy perennials producing graceful spurred flowers on 2-foot stems. They are much prized also for cut flower purposes making dainty decorations. They are one of the most important of our early hardy flowers and should be grown in quantity, being easy to establish and thriving in almost any situation. Our Long-Spurred mixed are selected from the very finest kinds, their colors vary considerably, but all are choice, free in habit and great value for massing, and with their long stems are splendid for cutting.

Arabis thrives well in a hot, dry situation and makes a good covering for walls or rock garden, also front row in hardy border, and can be planted in beds filled with Hyacinths and Tulips in Fall.

Recommended by U. S. Government as a valuable winter vegetable.

Armerias require a well drained loam. A good plant for front of border, graves or rockery. Dwarf, compact, evergreen foliage. Excellent for cutting.

**ARTEMISIA LACTIFLORA****CAMPANULA (Canterbury Bell)****DIELYTRA (Bleeding Heart)**

Botanical Name	Common Name	Flowering Period	Color	Height	Each	Doz.	Use, Soil, Position, Etc.
ARTEMISIA	Southern Wood						A useful class of plants either for the perennial border or the shrubbery. The variety <i>Lactiflora</i> is especially desirable, producing long, graceful panicles of creamy white flowers.
Abrotanum	Or Old Man	June	White	2-3 ft.	15c	\$1.50	
Lactiflora		Sept.-Oct.	White	4-4½ ft.	20c	2.00	
ASCLEPIAS							Requires good, deep soil and full sun. Fine for cutting; should be in every collection on account of its splendid color.
Tuberosa	Butterfly-Weed	June-Aug.	Bright Orange	2 ft.	15c	1.50	
ASTER (Hardy)	Blue Mountain Daisy						Dwarf species, with large, bright, purple flowers. Fine for rockeries and mixed borders.
§Alpinus Superbus		May-Aug.	Blue	7 in.	15c	1.50	
Goliath	New	Aug.-Sept.	Violet Purple	1 ft.	25c	2.50	
BAPTISIA							Strong growing plant suitable for specimen in border, dark green foliage deeply cut, requires full sun and deep loam.
Australis	False Indigo	June-July	Dark Blue	2½ ft.	15c	1.50	
BELLIS							Valuable for edging beds or clumps in front of border.
Perennis	English Daisy	April-June	Pink or White	6 in.	10c	.60	
BETONICA							Large Pentstemon-like flowers, fine for cutting. A showy dwarf plant for rock gardens and borders. Dense foliage. Very hardy.
Grandiflora Superba	Woundwort	June	Deep Purple	1 ft.	20c	2.00	
§BLEEDING HEART	See Dielytra	May-June	Pink	2½ in.	15c	1.50	
BOCCONIA							A beautiful, tall growing, hardy perennial, fine for back of borders, planting amongst shrubbery, or for center of large perennial beds. Will thrive in ordinary garden soil.
Cordata	Plume Poppy	July-Aug.	Creamy White	6 ft.	15c	1.50	
BOLTONIA	False Camomile						This Aster-like hardy plant is useful for cutting, remaining in bloom a long time; requires good rich soil and an open situation in border or shrubbery.
Asteroides		July-Oct.	White	4 ft.	15c	1.50	
CAMPANULA	Bell Flower						A large beautiful and most important family for the flower garden. The dwarf species are charming for rock gardens being, as a rule, not difficult to cultivate. The Canterbury Bell is familiar and an old favorite, and is to be had in many colors. The habit of the plant as a rule is compact, ranging from 18 to 24 inches in height. The Canterbury Bells are most effective when planted in the mixed borders near the early Phloxes. The Persicifolia varieties are good perennial plants; and the double white variety. Pyramidalis is a tall growing species, sending up its stalks of bloom 5 to 6 feet in height during August and continuing to bloom for six weeks or more. This variety makes splendid specimens for piazza decoration if grown in large pots or tubs.
Carpatica	Harebell	June-Aug.	Blue	1 ft.	15c	1.50	
Alba		June-Aug.	White	1 ft.	15c	1.50	
Latifolia Macrantha		June-Aug.	Dark Blue	3 ft.	20c	2.00	
Medium	Canterbury Bells	June-Aug.	Mixed	2 ft.	15c	1.50	
White, Blue and Pink		June-Aug.		2 ft.	15c	1.50	
Calycanthema	Cup and Saucer	June-Aug.	Mixed	2 ft.	15c	1.50	
White, Blue and Pink		June-Aug.		2 ft.	15c	1.50	
Persicifolia	Peach Bells	June-Aug.	Blue	2 ft.	15c	1.50	
Alba		June-Aug.	Pure White	2 ft.	15c	1.50	
Moerheimi		May-Sept.	Dbl. White	2 ft.	25c	2.50	
Pyramidalis	Chimney Bellflower	Sept.	Blue	4-6 ft.	20c	2.00	
Alba		Sept.	Pure White	4-6 ft.	20c	2.00	
Trachelium Coeruleum		July-Aug.	Blue	2-3 ft.	20c	2.00	
CANTERBURY BELLS	See Campanula Medium.						
CASSIA							A very handsome border plant, with graceful finely-cut foliage, and yellow pea-shaped flowers.
Marylandica	American Senna	Aug.-Sept.	Yellow	2½ ft.	15c	1.50	
CENTAUREA							Good border plants bearing thistle-shaped flowers of value for cut flowers, which last a long time in water; will grow in any soil.
Montana		July-Sept.	Blue	1½ ft.	15c	1.50	
Alba		July-Sept.	White	1½ ft.	15c	1.50	
Pulcherrima	Hardheads or Knap Weed	July	Rose	2 ft.	20c	2.00	
Ruthenica		July-Sept.	Pale Yellow	3 ft.	20c	2.00	
CERASTIUM							Silvery foliage, fine for graves, steep banks and dry places; also formal gardens.
Tomentosum	Snow in Summer	May	White	8 in.	15c	1.50	
CHIVES	Fine for seasoning					1.50	
CHRYSANTHEMUM							Fine hardy border plants, their large Daisy-like flowers being produced in great profusion. They are splendid for cut flower purposes, lasting well when cut. They are perfectly hardy and thrive in any soil.
Maximum (Type)	Shasta Daisy	June-July	White	2 ft.	15c	1.50	
Arcticum		June-July	White	2 ft.	15c	1.50	

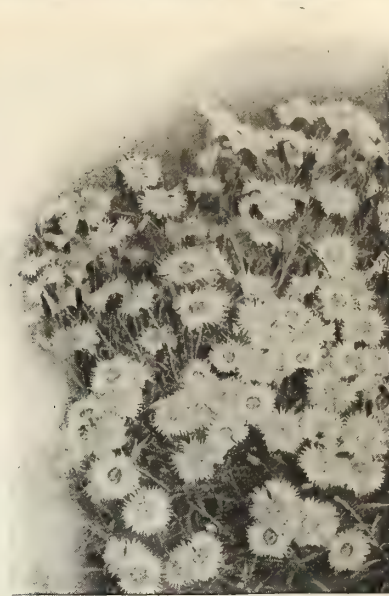
The Cottage Tulips are Excellent for the Perennial Border; All are Perfectly Hardy.



DELPHINIUM—Hybrids



COREOPSIS LANCEOLATA



DIANTHUS—Hardy Pink

Botanical Name	Common Name	Flowering Period	Color	Height	Each	Doz.	Use, Soil, Position, Etc.
CIMICIFUGA	Snake Root						
Dahurica.....		July-Sept.....	Creamy White.....	3 ft.....	35c	\$3.50	A valuable border plant on account of its late and long flowering period. Thrives well in shade.
COREOPSIS	Tickseed						
Lanceolata.....		May-Oct.....	Yellow.....	2 ft.....	15c	1.50	One of the most popular hardy plants, the flowers a rich golden yellow of a beautiful graceful form. They are indispensable for cut flower purposes.
Rosea.....		June-Sept.....	Pink.....	1 ft.....	15c	1.50	
DAISY	(English Bachelor's Button)						
Mammoth Pink or White.....		All Summer.....	Pink or White.....	6 in.....	10c	.60	Indispensable for edging beds, borders or graves; will grow in any soil, but prefer a partially shaded situation.
DAISY (Shasta) —See Chrysanthemum Maximum.....							A very excellent bright border plant, and splendid for cutting, lasting a long time in water.
DELPHINIUM	Perennial Larkspur						
Belladonna.....		May-Sept.....	Sky Blue.....	2 ft.....	25c	2.50	Few plants are so handsome in the garden as the perennial Larkspurs. There are many species in cultivation but the most important are the tall hybrids of which there are many varieties with a wonderful range of color. They are valuable for their great variety in height, varying from 1 to 6 feet, for their great variety in shades of color, ranging from the palest lavender through every conceivable shade of blue to deep indigo. There is also a great variety in the size and form of their individual blooms, some are single, some semi-double and some perfectly double. They thrive in almost any situation or soil, and are easily increased, being perfectly hardy. A good deep rich soil will repay with larger and better flowers.
Semi Plena.....	Semi Double.....	May-Sept.....	Sky Blue.....	2 ft.....	50c	5.00	
Chinese.....		June-Aug.....	Light Blue.....	3 ft.....	15c	1.50	
Album.....		June-Aug.....	White.....	3 ft.....	15c	1.50	
Cineraria Blue.....	New.....	June-Aug.....	True Blue.....	2 ft.....	20c	2.00	
Formosum.....		July-Sept.....	White Eye.....	4 ft.....	15c	1.50	
Coelstinum.....		July-Sept.....	Pale Blue.....	2 ft.....	20c	2.00	
Named Hybrids							
Capri.....		June-Aug.....	Sky Blue.....	5 ft.....	50c	5.00	
Corry.....	(New Double).....	July-Aug.....	Sky Blue and Red.....	3-4 ft.....	1.00	10.00	
J. S. Brunton.....		June-Aug.....	Sky Blue.....	3-4 ft.....	50c	5.00	
Lamartine.....	(New).....	July-Aug.....	Dark Blue.....	3 ft.....	50c	5.00	
Lize.....		June-Aug.....	Pale Blue.....	5 ft.....	50c	5.00	
Mme. Baizer.....	(New Semi-Double).....	July-Aug.....	Azure Blue.....	3-4 ft.....	50c	5.00	
Moerheimi.....		July-Aug.....	White.....	5 ft.....	50c	5.00	
Mrs. Thompson.....		July-Aug.....	White Eye.....	3 ft.....	35c	3.50	
Persimmon.....	(New).....	July-Aug.....	White Eye.....	4 ft.....	50c	5.00	
Zuster Lugten.....	(New) Double.....	June-Aug.....	Dark Blue.....	3-4 ft.....	50c	5.00	
Gold Medal Hybrids.....		July-Aug.....	Mixed.....	4 ft.....	25c	2.50	
DIANTHUS	Hardy Garden Pink						
Plumarius Cyclops.....		May-June.....	Mixed.....	15 in.....	15c	1.50	These very desirable sweet-scented, low growing, early blooming and free flowering Hardy Garden Pinks are unequaled for the borders of beds, carriage drives, and the old-fashioned garden, and should be planted in quantity in any good garden soil with full sun and an open situation.
Gloriosa.....	(New).....	May-June.....	And Salmon.....	15 in.....	25c	2.50	
Her Majesty.....		May-June.....	Pure White.....	12 in.....	15c	1.50	We would especially call attention to our improved Napoleon III, which although a dark red, produces large flowers on good long stiff stems and resembles a good dark red carnation. It is perfectly hardy and is better than any hardy carnation known.
Perfection.....		May-June.....	Crimson Center.....	12 in.....	15c	1.50	
Double Mixed.....		May-June.....	Mixed.....	12 in.....	15c	1.50	An odd plant of vigorous growth, emitting a strong lemon odor. The flowers will give a flash of light on a sultry summer evening if a lighted match is held near them.
Latifolius Atro-Coccineus Plenus.....		May-June.....	Dble. Fiery Crim-son.....	15 in.....	15c	1.50	
Napoleon III Improved.....		May-Oct.....	Dble. Dark Red.....	2 ft.....	25c	2.50	So-called from its drooping heart-shaped flowers; will thrive in any part of the hardy border; good for forcing in pots and planting in shady places; likes rich, sandy loam.
Semperflorens Mixed.....		June-Aug.....	Mixed.....	15 in.....	15c	1.50	
DICTAMNUS							
Caucasicus.....	Gas Plant.....	June-July.....	Rosy Pink.....	2½ ft.....	25c	2.50	This old-fashioned summer flowering plant, commonly known as Foxglove, thrives in almost any soil under all conditions; makes a fine plant for the back of borders or grouping in beds; prefers a light, sandy loam.
Fraxinella.....		June-July.....	Pink.....	3 ft.....	15c	1.50	
Alba.....		June-July.....	Pure White.....	2½ ft.....	15c	1.50	
DIELYTRA							
§Spectabilis.....	Bleeding Heart.....	May-June.....	Pink.....	2 ft.....	15c	1.50	
DIGITALIS	Foxglove						
Gloxiniaeflora.....		July-Aug.....	White or Mixed.....	4-5 ft.....	15c	1.50	
Grandiflora.....		July-Aug.....	Yellow.....	3 ft.....	15c	1.50	
Lanata.....		June-Aug.....	Creamy White.....	2-3 ft.....	15c	1.50	
Maculata Iveryana.....		July-Aug.....	White, Spotted.....	3 ft.....	15c	1.50	

Weights of plants to go by Parcel Post are given on page 27.



DIGITALIS—(Foxglove)



EREMURUS



GAILLARDIA

Botanical Name.	Common Name.	Flowering Period.	Color.	Height.	Each.	Dos.	Use, Soil, Position, Etc.
EREMURUS.							A noble group of plants, and quite hardy. When established they throw up magnificent flower spikes from 6 to 10 ft. high, each carrying some hundreds of flowers arranged symmetrically around the stem; they should not be disturbed, but planted for permanent effect.
Himalaicus.....		May-June.....	White.....	8 ft.....	75c		
Robustus.....		May-June.....	Soft Rose.....	8 to 10 ft.	75c		
ERIANTHUS See Grasses							
ERYNGIUM Sea Holly							
Amethystinum.....		July-Sept.....	Steel Blue.....	2 to 3 ft.	15c	1.50	These are exceedingly pretty both in flower and foliage, and deserve to be better known. The flower heads are invaluable for cutting from June to September, and much used for winter decoration.
Planum.....		July-Sept.....	Pale Blue.....	3 ft.	15c	1.50	
EULALIA See Grasses							
EUPATORIUM Thorough Wort							
Ageratoides.....		Sept.-Oct.....	White.....	3 ft.	15c	1.50	Strong growing border plants suitable for cutting; they bear minute white flowers in dense heads; ordinary garden soil suits them.
Coelestinum.....		Sept.-Oct.....	Light Blue.....	2 ft.	15c	1.50	
Frazeri.....		Sept.-Oct.....	White.....	1 1/2 ft.	15c	1.50	
FUNKIA Day Lily							
Cucullata Medio Picta.....		August.....	Purple.....	1 ft.	20c	2.00	Very attractive plants with broad overlapping leaves of various markings; very ornamental, surmounted by dainty lily-like flowers in terminal racemes. Effective in front of shrubbery, under trees, or any shady position where they thrive best. They will grow in any good, rich soil.
Fortunei.....		August.....	White and Lilac.....	2 ft.	25c	2.50	
Lanceolata.....		August.....	Dark Blue.....	1 ft.	15c	1.50	
Subcordata Grandiflora Alba.....		Aug.-Sept.....	Pure White.....	1 1/2 ft.	15c	1.50	
Thomas Hogg.....		Aug.-Sept.....	Rosy Purple.....	25c	2.50		
§Undulata Medio Variegata.....		May-June.....	Purple, Var. Foliage.....	1 ft.	15c	1.50	
GAILLARDIA Blanket Flower							
Friendship.....		June-Oct. Large Yellow, Crimson Ring.....	1 1/2 ft.	25c	2.50	Gaillardias are fine for bedding and borders, invaluable as a cut-flower, remaining in bloom the entire summer. One of the most satisfactory plants for any soil and position, and we recommend extensive cultivation, as they are grown with little trouble. Friendship and Masterpiece have extra large blossoms, which make them remarkably effective in brightening up the border. All these are free bloomers.	
Masterpiece.....		June-Oct.....	Crimson, Yellow Edge.....	1 1/2 ft.	25c		2.50
Grandiflora Mixed.....		June-Oct.....	Mixed.....	1 1/2 ft.	15c		1.50
GERANIUM Crane's Bill							
Sanguineum.....		May-July.....	Crimson.....	1 ft.	15c	1.50	Good early Summer flowering plants for front of borders, or the rock garden; will thrive in any ordinary garden soil.
Album.....		May-July.....	White.....	1 ft.	15c	1.50	
GRASSES For Foliage only							
Erianthus Ravennae.....	Hardy Pampas.....		Narrow Green.....	10 ft.	25c	2.50	Ornamental Grasses can be used with telling effect in borders, shrubberies, by the margins of lakes and streams, or as single specimens on the lawn. The Erianthus or hardy pampas grass is the tallest grower, frequently reaching 10 feet high. The Eulalias are very pretty and graceful; Univittata being green with a white midrib; the Japonica Variegata is a beautiful variegated form and is the best of the variegated kinds. Japonica Zebrina, the Zebra grass, has broad yellow horizontal bands. The Variegated ribbon grass is an old favorite and is often used for border work or naturalizing in the wild garden.
Eulalia Gracillima Univittata.....			Silver White Midrib.....	3-4 ft.	25c	2.50	
Eulalia Japonica.....			Broad Yellow Bands.....	5 ft.	25c	2.50	
Zebrina.....	Zebra Grass.....				25c		
Phalaris Arundinacea.....	Gardener's Garters or Variegata.....		Variegated.....	1 1/2 ft.	15c	1.00	
GYPSOPHILA							
Paniculata.....	Baby's Breath.....	July-Aug.....	White.....	1 1/2 ft.	15c	\$1.50	The double form is especially desirable and as a cut flower is becoming very popular. Repens Monstrosa is a dwarf variety and is suitable for rock-work or the front of the hardy border.
Flore Pleno.....		July-Aug.....	Double White.....	3 ft.	25c	2.50	
Repens Monstrosa.....		July.....	White.....	1 1/2 ft.	20c	2.00	
HELENIUM Sneezewort.							
Autumnale Superbum.....		Sept.-Oct.....	Deep Yellow.....	6 ft.	15c	1.50	Blooming for a long period, are amongst the best of hardy flowers, affording a good quantity of cut-flowers which last a long while; they are worthy of extensive planting; and thrive in any soil and are good for specimens in border and covering back fences, also amongst shrubbery and the wild garden.
Rubrum.....		Sept.-Oct.....	Red.....	6 ft.	20c	2.00	
Riverton Beauty.....		Aug.-Oct.....	Lemon Yellow Black Cone.....	3 ft.	25c	2.50	
Riverton Gem.....		Aug.-Oct.....	Old Gold and Terra Cotta.....	3 ft.	25c	2.50	

The prices of 3 plants of a kind are given on page 27



HELIANTHUS—Double

Botanical Name.	Common Name.	Flowering Period.	Color.	Height.	Each.	Doz.
HELIANTHUS	Hardy Sunflower					
Miss Mellish.....		Sept.-Oct.....	Golden Yellow.....	6 ft.....	15c	1.50
Multiflorus Plenus.....	Dahlia Sunflower.....	Aug.-Sept.....	Double Yellow.....	5 ft.....	15c	1.50

HELIOPSIS

Scabra Zinniaeflora.....		June-Aug.....	Double Yellow.....	2½ ft.....	25c	2.50
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HELLEBORUS

Niger.....	Christmas Rose	Winter.....	White.....	1 ft.....	35c	3.50
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HEMEROCALLIS

	Yellow Day Lily					
Aurantiaca.....		June-July.....	Orange-Yellow.....	2-3 ft.....	25c	2.50
Dumortieri.....		June-July.....	Rich Yellow.....	2 ft.....	15c	1.50
Flava.....		July-Aug.....	Yellow.....	3 ft.....	10c	1.00
Florham.....		July-Aug.....	Rich Yellow.....	3 ft.....	25c	2.50
Fulva.....		June-July.....	Coppery Orange.....	3½ ft.....	15c	1.50
Kwanso Fl. Pl.....		June-July.....	Double Orange.....	3½ ft.....	15c	1.50
Sovereign.....		July.....	Soft Chrome Yellow.....	2½ ft.....	25c	2.50

HEUCHERA

	Alum Root					
§ Brizoides Gracillima.....		May-June.....	Rosy Carmine.....	2 ft.....	20c	2.00
§ Flambeau.....		June.....	Brilliant Rose.....	2 ft.....	25c	2.50
§ Pluie de Feu.....		June.....	Scarlet.....	2 ft.....	25c	2.50
§ Sanguinea.....		June.....	Scarlet.....	1½ ft.....	25c	2.50
Walker's Variety.....		June.....	Soft Rose.....	1½ ft.....	30c	3.00

HIBISCUS

	Mallow		Pure White			
Crimson Eye.....		Sept.-Oct.....	Crimson Center.....	4 ft.....	15c	1.50
Mallow Marvels.....		July-Sept.....	Mixed Colors.....	6 ft.....	25c	2.50
Mallow Marvels, White, Pink & Red.....		July-Sept.....	Assorted.....	6 ft.....	30c	3.00

Hollyhocks

Hollyhocks are undoubtedly among the most ornamental and handsome garden flowers, with their tall spikes, dotted all the way up with large flowers of the most lovely shades of color. They fit in the smallest garden, and can be used with great effect in all kinds of borders, shrubbery, against the house or along the fence. No matter where they are planted they are always handsome, pleasing and ornamental.

The Hollyhock requires a rich, deep soil, well drained and will repay in quantity and elegance of bloom any extra care. A slight protection during the winter will be beneficial.

Each	Doz.	100	Each	Doz.	100	Each	Doz.	100
Double White, Pink, Rose, Yellow,			Allegheny Mixed,			Double Mixed.....	15c	\$1.50 \$10.00
Blood Red.....	20c	\$2.00 \$12.00	semi-double and single.....	20c	\$2.00 \$12.00	Old Fashioned Single, mixed.....	15c	1.50 10.00
Botanical Name	Common Name	Flowering Period	Color	Height	Each	Doz	Use, Soil, Position, Etc.	
IBERIS	Hardy Candytuft						Dwarf evergreen plants covered with blooms in Spring and during early Summer. Little Gem is especially suited to border and rockwork and edging beds of late Tulips and Narcissi. Sempervirens is fine for edging shrubbery or borders and will thrive in any good soil.	
§ Little Gem.....		April-May.....	Small White.....	6 in.....	15c	\$1.50		
§ Sempervirens.....		April-May.....	White.....	10 in.....	15c	1.50		
INCARVILLEA	Hardy Gloxinia						Lovely new Chinese plants for sunny situations, producing spikes of elegant, Gloxinia-like flowers, arranged in clusters with foliage gracefully cut. Plant in light sandy soil. Gandiflora, crimson with yellow throat, is a charming flower.	
Delavayi.....		May-July.....	Rose Colored.....	2 ft.....	15c	1.50		
§ Grandiflora.....		May-July.....	Crimson.....	1 ft.....	15c	1.50		
LATHYRUS	Hardy Flowering Pea						The everlasting Pea, forms a very decorative object when trained over old tree stumps, banks pyramids, or forming floral screens. They are good cut flowers with strong, wiry stems, requiring deep rich soil.	
Latifolius Albus.....		June-Aug.....	White.....	4-5 ft.....	15c	1.50		
Pink Beauty.....		June-Aug.....	Pink.....	4-5 ft.....	15c	1.50		
Rubra.....		June-Aug.....	Red.....	4-5 ft.....	15c	1.50		

Hardy Perennials are the most satisfactory of all Flowers because of their permanent character and natural beauty.

Beautiful Hardy Irises

German Iris - Fleur de Lis

German Irises are all sun lovers and delight in a well drained situation. They are all deliciously fragrant, large and handsome, more or less beautifully mottled in the "Standards" and veined in the "Falls," while the beards range from delicate primrose to orange. Their beauty at first sight rivals that of the Orchid, but, on closer examination, we have no hesitation in saying they yield points of interest not to be found in the whole of the Orchid family. In colors there are the richest yellows, the most intense purples and delicate blues, the softest mauves and very beautiful claret-reds. There are also whites, and primroses, and bronzes of every imaginable shade—indeed, language fails us in picturing all the beauties of this flower, and our descriptions, in consequence, fall far short of the reality. Those who have not used these Irises for surrounding lakes and ponds, or cultivated them in the flower borders, shrubberies, woodland walks, and wild gardens, should do so. If planted around ponds or lakes they should be placed well above the water level.

"S" refers to the three standard, or upright curling petals; "F" to falls or drooping petals.

PRICES (Except where noted): Each, 15c; doz., \$1.50; 100, \$8.00; 1000, \$75.00.

Archeveque. (Archbishop.) (New.) "F" Deep velvety-violet; "S" Deep purple violet; an exquisite Iris; very scarce. Each, 60c.

Aureole. "S" Deep orange; "F" Reddish brown with white netted base.

Black Prince. (Kochi Atropurpurea.) "S" Purple lilac; "F" Rich velvety black. Each, 25c; doz., \$2.50.

Canary Bird. "S" Soft creamy yellow; "F" pale cream with striped base.

Candelabre. (New.) "S" Silvery mauve and purple; "F" Violet, with white and black veins.

Late. A grand Iris. Each, 60c; doz., \$6.00.

Candicans. A clear pale blue, free-flowering variety with prominent white veins. Each, 25c; doz., \$2.50.

Caprice. (New.) "S" Reddish purple; "F" Deeper, self-colored. One of the best red Irises. Each, 50c; doz., \$5.00.

Celeste. Fine satiny blue. One of the most beautiful German Irises.

Charles Dickens. "S" Blue; "F" Blue, suffused dark purple.

Clio. "S" Pure white; "F" Ultramarine blue. Each, 25c; doz., \$2.50.

Crepuscle. "Standards" and "Falls" delicate violet purple, quite devoid of markings. Large flowers on long stems. Early. Very desirable. Each, 50c; doz., \$5.00.

Darius. "S" Primrose yellow; "F" Lilac and primrose. Each, 25c; doz., \$2.50.

Dorothea. (New.) An early dwarf flower of exceptional merit. "S" Mauve, deeper in center; "F" Soft blue with orange veining. Very fine. Each, 50c; doz., \$5.00.

Edith Cook. "S" Lemon yellow; "F" Velvety chestnut brown, with bronze markings.

Fairy. (New.) White, delicately bordered and suffused soft blue, 2 ft. The sweetest of all. Each, 25c; doz., \$2.50.

Frerin. "Standards" and "Falls" pale canary yellow, merging to cream at base.

Gajus. "S" Light clear yellow; "F" Crimson, reticulated white and yellow. Each, 30c; doz., \$3.00.

Gracchus. "F" Crimson, reticulated white, fine early.

Hector. "S" Soft clouded yellow; "F" Velvety crimson; showy; 30 inches.

Heteranth. "S" Bright blue; "F" Deeper blue. Early.

Honorabilis (Sans Souci). A most effective combination. "Standards" golden; "Falls" rich mahogany, lilac. 3 ft. Each, 75c.

Johan de Witt. "S" Pale lilac; "F" Violet purple veined white. 2 ft.

Kharput (Italia). "S" Violet; "F" Violet purple, large handsome bloom.

King of Iris. (New.) "S" Lemon yellow; "F" Deep brown and yellow. One of the most beautiful of all Irises. Each, 25c; doz., \$2.50.

L'Avenir. A beautiful shade of satin blue. Each, 25c; doz., \$2.50.

Lohengrin. Large handsome silvery-mauve flowers. Each, 30c; doz., \$3.00.

Lord Salisbury. "S" Amber white; "F" Dark violet purple.

Lorely. "S" Light yellow; "F" Ultramarine blue, bordered cream. Each, 25c; doz., \$2.50.

Mme. Chereau. One of the most beautiful of its class. The flowers are pure white, with a broad and irregular border of clear blue, and are borne on strong upright stems that are often from two to three feet tall.

Maori King. "S" Golden yellow; "F" Velvety maroon margined gold. Each, 25c; doz., \$2.50.

Mars. "S" Light yellow; "F" Pale yellow with violet blotches and veins.

Minos. "S" Coppery bronze; "F" Deep claret, veined white toward base. 2 ft.

Monsignor. Tall, large blossoms borne in profusion. "S" Blush lavender; "F" Violet with white pencillings at throat. A truly magnificent specimen. Each, 60c.

Mr. Shaw. "S" Soft creamy yellow; "F" Reddish purple delicately reticulated white at base.

Mrs. H. Darwin. "S" Clear waxy white; "F" White with violet veins.

Nuee d'Orange. (Stormcloud.) (New.) Very large flowers of a greyish slate blue with bronze shading. "F" Purplish blue, very fine. Each, 60c.

Pallida Dalmatica. One of the most beautiful of all the German Iris. Perfectly hardy, strong grower and very free flowering. Exquisite shade of lavender. Each, 20c; doz., \$2.00.

Pallida Mandraliscae. Rich lavender-purple, large and handsome. Each, 25c; doz., \$2.50.

Peacock's Eye. "S" Clear olive yellow; "F" Brownish, shading to a clear yellow border on edges. Each, 30c; doz., \$3.00.

Penelope. "S" Pure white; "F" White, veined purple, crested yellow.

Pharaon. Very fine soft lilac.

Plicata. "S" Bright violet-purple; "F" Deep violet-purple, with lighter shadings.

Princess Victoria Louise. (New.) "S" Immense sulphur yellow; "F" Plum color edged cream, very fine. Each, 35c; doz., \$3.50.

Pres. Thiers. "S" Lavender blue; "F" Deeper blue, white pencillings. Each, 25c; doz., \$2.50.

Queen of May. "S" Lilac pink; "F" Lilac, blended with white; distinct. Each, 20c; doz., \$2.00.

Rhein Nixe. (New.) "S" White, very large. "F" Rich violet purple with distinct narrow white edge. A charming flower. Each, 50c.

Sambucina. 30 inch. "S" Coppery rose; "F" Rosy purple with orange crest.

Stenophylla. "S" Pale blue, indistinct stripes. "F" Darker. Tall.

Tamerlane. (New.) "S" Pale violet; "F" Deep purple. Magnificent, tall, bold. Each, \$1.00.

Venus. "S" Lemon yellow, shading to golden yellow towards the base. "F" Deeply veined with purple on a white ground.

GERMAN IRIS MIXED. Each, 10c; doz., \$1.00 (postpaid); (by express) per 100, \$5.00; per 1000, \$45.00. (25 at 100 rate, 250 at 1000 rate.)

Iris Interregna

Resulting from a cross between the Pumila and German Iris. It has the strength and vitality of the Pumila as well as the large flower and beautiful colors of the German type. Blooms profusely after the former has faded but earlier than the latter.

Halfdan. Rich creamy yellow, very fine keeper. Each, 20c; doz., \$2.00.

Walhallia. Petals rosy lavender above, claret red below. Each, 15c; doz., \$1.50; 100, \$8.00.

Iris Versicolor

Flowers are very showy light blue, flowering in June and July, remaining in bloom a long time. Thrives in moist locations. Each, 15c; doz., \$1.25; per 100, \$8.00.

Iris Longipetala Superba

Flowers soft porcelain-blue, with long pale blue falls, having a golden blotch at the base. Fine for massing. Each, 15c; doz., \$1.25.

Japan Iris - Iris Kaempferi

10 Choice Varieties in ROSE, DEEP RED, BLUE and WHITE. Many beautiful blendings. PRICE, Single or Double Varieties: Each, 25c; DOZ., \$2.50.

For Other Irises See Bulbs, Page 19.



Iris Siberica

Orientalis. (Yale Blue.) A slender, graceful, tall-growing Iris, with flowers quite similar to those of the German Iris, but smaller and much more numerous. The plants form large, strong, compact clumps, and bloom so freely that the deep blue flowers give almost a solid color effect. Each, 15c; doz., \$1.50.

Snow Queen. Snow-white flowers borne on strong erect stems. Each, 20c; doz., \$2.00.

Iris Pumila Hybrida

Dwarf variety of German Iris, growing about 8 inches high, very free blooming, sweet scented. These bloom about two weeks before the German Iris. Cyanea. Rich royal purple with black shading. Florida. Beautiful lemon yellow shaded darker. Each, 15c; doz., \$1.25; per 100, \$8.00.



LILY OF THE VALLEY



MERTENSIA VIRGINICA



LOBELIA CARDINALIS

Botanical Name	Common Name	Flowering Period	Color	Height	Each	Doz.	Use, Soil, Position, Etc.
LAVENDULA							
Vera	Lavender	June-Aug.	Blue	2 ft.	15c	\$1.50	Delightfully fragrant flower, much used when dry on account of its sweet odor. We offer the true variety. Carrying feathery flower spikes; are effective border plants, thriving at the margin of streams or in the open border. They commence to flower at the top of spike and so on downward; very effective.
LIATRIS	Blazing Star or Gay Feather						
Pycnostachya		July-Sept.	Rosy Purple	3 ft.	15c	1.50	Good for shade and under trees.
Spicata		July-Sept.	Deep Purple	5 ft.	15c	1.50	
LILY OF THE VALLEY	Clumps	May-June	White	8 in.	30c	3.00	
LINARIA	Toad Flax						
Dalmatica		May-Aug.	Sulphur-Yellow	3-4 ft.	20c	2.00	Of easy culture in moderately good, well-drained soil. Suitable for rockeries.
LINUM	Flax						
Flavum		June-Sept.	Yellow	1 ft.	15c	1.50	A desirable plant for the border, with light, graceful foliage and blue flowers produced through the entire Summer if cut down after the first blooming.
Perenne		June-Sept.	Sky Blue	1½ ft.	15c	1.50	
Perenne Album		June-Sept.	White	1½ ft.	15c	1.50	
LOBELIA	Cardinal Flower						
Cardinalis		July-Sept.	Fiery Scarlet	2 ft.	15c	1.50	Deep, rich, moist soil is best. For the margins of ponds or damp border.
LUPINUS	Lupin						
Polyphyllus		May-June	Blue	3 ft.	20c	2.00	Effective plants producing, when established, large spikes of flowers. They should be planted in well prepared garden soil and well watered during a period of dry weather.
Albus		May-June	White	3 ft.	20c	2.00	
Roseus		May-June	Pink	3 ft.	20c	2.00	
LYCHNIS	Campion						
Chalcedonica		June-Sept.	Orange Scarlet	2-3 ft.	15c	1.50	Highly ornamental plants for summer, the taller kinds being valued for cut flowers and border plants; the dwarfier varieties make pretty plants for front row of border or rockwork and thrive in any good garden soil in a sunny position. The "Double Catch Fly" is a brilliant border plant, the flowers being produced in dense spikes.
Rubra Fl. Pl.		July-Sept.	Double Scarlet	2 ft.	25c	2.50	
Alba		May-Aug.	White	1½-2½ ft.	15c	1.50	
Haageana	Maltese Cross	May-June	Orange Scarlet	1 ft.	15c	1.50	
Sieboldi		June-July	White	1 ft.	15c	1.50	
Splendens Plena	Double Catch Fly	June-July	Crimson	1 ft.	25c	2.50	
LYSIMACHIA							
Numullaria	Creeping Jenny	June-Aug.	Yellow	4 in.	15c	1.50	Effective in clumps or wild garden. Requires a moist situation. Numullaria is fine for banks, vases, beds, stumps or rockeries and can be used in hanging baskets.
LYTHRUM	Loosestrife						
Roseum	Perry's Variety	May-Sept.	Reddish Purple	3 ft.	25c	2.50	Produces large spikes of rose-colored flowers, and can be used for margins of lakes and ponds, also borders and shrubbery. Any good soil suits it.
MERTENSIA	Blue Bells or Virginian Cowslip						
Virginica		May-June	Light Blue	18 in.	15c	1.50	A lovely plant for choice spots in borders, or rock gardens, preferring a southwest aspect; will thrive in any good soil and in the shade.
MINT	Old Fashioned	Clumps, each 10c; doz., \$1.00			15c	1.50	An old favorite, will grow anywhere.
MONARDA	Bergamot, Oswego Tea or						
Didyma	Bee Balm	June-Sept.	Brilliant Scarlet	2 ft.	15c	1.50	Fine for naturalizing in woods and shrubbery; bearing large whorls of flowers and fragrant foliage; good for bees. Sandy loam and sunny position. Fine for masses.
Hybrids		June-Sept.	Mixed	2 ft.	15c	1.50	
OENOTHERA	Evening Primrose						
Macrocarpa		June-Sept.	Yellow	6 in.	15c	1.50	Showy and easily grown on all soils; useful in wild garden and border; make good plants for front of border. Macrocarpa is a beautiful variety with prostrate stems bearing immense yellow flowers during July and August.
Youngi		May-Aug.	Golden Yellow	2 ft.	15c	1.50	
OLD MAN	See Artemisia						
PAPAVER	Poppy		White, Yellow				
Nudicaule	Iceland Poppy	June-Oct.	and Orange	1 ft.	15c	1.50	The Iceland Poppy is a gem from the Arctic regions. It is a hardy dwarf grower, showing a profusion of delicate shaded little blossoms that are exquisite for edging the border.



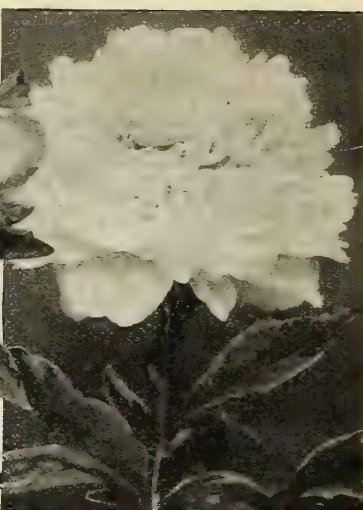
JEANNE D'ARC



M. KRELAGE



LA GRANGE



COURONNE D'OR.

VAUGHAN'S PEONIES

Peonies, especially the modern introductions, are probably the most valuable, and most beloved of all perennial plants. Planted in sun or semi-shade, in single clumps or long beds; or bordering lawns, shrub rows, and carriage drives, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage which is very ornamental during summer months. They are also most effective for home and table decorations, and last longer in water than many other perennials. Avoid buying cheap peonies, they require just as much care as the better kinds, and are disappointing in the end. We grow only varieties that we have thoroughly tested at our trial grounds, and here offer the grandest Peonies in commerce.

Planting. Peonies may be planted in the fall from the 2nd or 3rd week in August until frost, and in spring as soon as the frost is out of the ground. **Early fall** planting is advisable, so that the plants may make new roots before frost sets in. Avoid planting too deeply, as this is often the cause of shy blooming, 2 or 3 inches of soil over the crown (eyes) being sufficient. After planting give a heavy mulching of **rotten** stable manure, and do not transplant the clumps for at least 5 years, and then only if very necessary. **Full cultural directions are sent with each order.** We offer three sizes, viz:—**Small**—divided roots, 3-5 eyes. **Medium**—1 and 2 years from division. **Large**—4 and 5 year old clumps. **S**—Small, **M**—Medium, **L**—Large Roots.

White and Light Varieties

Albatre. Large, compact, rose-type bloom, wide center petals. Milk white, center petals edged carmine. Extra good. Mid season. **S, 75c; M, \$1.25.**

Avalanche. Large globe-shaped bloom similar to the preceding, but not as early. **S, \$1.25.**

Blanche Cire. Plant erect, medium tall. Flowers sulphur white, with cream guard petals. A fine free flowering variety. **\$1.00.**

Canari. Large convex bloom, guard petals, amber white, with clear yellow center. Fragrant. Late. **S, 40c; M, 85c; L, \$1.25.**

Carnea Triumphans. Guards and crown pale pink, collar amber-white, fragrant. Midseason. **S, 50c; M, 85c; L, \$1.25.**

Charlemagne. Lilac white with a slight blush center, fragrant, medium height, free bloomer. Globular rose-type flower. Flowers open better in water in house than on the plant. Late; extra. **S, 50c; M, 85c; L, \$1.40.**

Couronne D'Or. Large, flat, semi-rose type. Pure white, with a ring of yellow stamens around a tuft of center petals, tipped carmine. Medium tall, splendid grower, free bloomer. Late. **S, 50c; M, 85c; L, \$1.25.**

Duchess de Nemours (Calot). Sulphur white with greenish reflex. Flower large, cup-shaped. Splendid cut flower variety. Midseason, follows Festiva Maxima; fragrant. **S, 35c; M, 60c; L, \$1.00.**

Duc de Wellington. Large bomb, white guards, sulphur center. Fragrant. Medium tall, vigorous grower; free bloomer. Late. **S, 50c; M, 75c.**

Festiva. Large, full, rose-shaped bloom, creamy white, flecked with carmine. Fine late variety. **S, 50c.**

Festiva Maxima. The best known Peony. Flower of immense size—7 to 8 in. in diameter—snow white, with some red spots on the edge of the center petals. Very sweet. Early. **S, 40c; M, 65c; L, \$1.25.**

Jeanne d'Arc. Very similar to "Golden Harvest," but larger, and finer. Collar, cream white, shaded with sulphur. Guards, pale lilac-rose, and full high brilliant pink center, with occasional carmine spots. A vigorous plant, and a very free midseason bloomer. Exquisitely fragrant. **S, 50c; M, 85c.**

La Rosiere. Large, compact semi-double flower, with broad petals, outer petals pure white at center with yellowish-white border. In form and effect resembles an enormous tea rose. Midseason. **S, 60c; M, 85c.**

La Tulipe. Very large shell-formed bloom; delicate rose, fading to creamy white; center petals tipped with carmine; outside of guard petals striped with carmine. Late. **S, 50c; M, 75c.**

Madame Breon. Guards brilliant rosy flesh, center creamy white to yellowish upon opening, fading to pure white; bloom very large, on long, strong stems. Fragrant. Early. **S, 50c; M, 85c; L, \$1.50.**

Madame Crousse. Very large, full well-made flower; color snow-white, center petals edged with bright carmine. Extra fine for all purposes. Taken all together this is the best of all white Peonies. **S, 65c; M, 90c.**

Madame de Vatry. Large, compact high crown. Guards and crown lilac white, with sulphur white collar. Fragrant; medium height; midseason. **S, 65c; M, \$1.00; L, \$1.50.**

Madame de Verneville. Guard petals sulphur white, center delicate flesh. Flowers very double and compact, imbricated; borne on long stems. This is one of the most desirable for all purposes. **S, 40c; M, 75c; L, \$1.25.**

Marie Lemoine. Delicate ivory white; solid massive blooms of extra size; very late. **S, 50c; M, 75c; L, \$1.25.**

M. Dupont. One of the best late white sorts. Flowers very large, cup-shaped, on stiff stems. Clear ivory white, with brilliant carmine border on center petals. A good grower and free bloomer. **S, 75c; M, \$1.00; L, \$1.50.**

Mont Blanc. Large, compact, globular, milk-white, center tinted rose. Very fragrant. Midseason. **S, 50c; M, 85c.**

Pierre Duchartre. Flowers very full, beautiful pale lilac flesh. **S, \$2.00.**

Queen Victoria. Guard petals milk white, tinted flesh, center creamy white with crimson spots, large globular flower, on stems of medium height, free bloomer, midseason. **S, 35c; M, 75c; L, \$1.00.**

Reine des Francais. Guard petals fleshy pink; center white shaded yellow. **S, 50c; L, \$1.25.**

Light and Dark Pink and Rose

Albert Crousse. Very large flat, compact bomb; rosy-white flecked crimson. Very fragrant, tall free bloomer. Late. **S, 75c; M, \$1.25.**

Alexander Dumas. Light violet-rose, of medium size. A creamy-white collar of narrow petals mingled with the white outer petals. A fine cut flower variety and a good producer. Early midseason. **S, 75c; M, \$1.00.**

Claire Dubois (Crousse). One of the very largest peonies. Very full compact and globular; rose-type flower. Color: soft light satiny-pink. Fragrant and rather late. **S, \$1.50.**

Delicatissima. Large rose type. Pale lilac-rose. Fragrant. Very strong, tall grower, fine habit, free bloomer. Extra good keeper and shipper. Midseason. **M, 60c; L, 85c.**

Dorchester (Richardson's). A most beautiful soft pink of fine form, dwarf grower. **S, 75c; M, \$1.25.**

Duchess de Nemours (Guerin). Fine brilliant pink shaded violet, intermixed with white. Very large bloom, and an excellent early cut flower variety. **S, 60c; M, 85c; L, \$1.25.**

Edulis Superba. Bright mauve pink collar mixed with lilac, fragrant, strong upright stems, free bloomer, early, one of the best commercial pinks. **S, 45c; M, 75c.**

Eugene Verdier. Delicate flesh pink, very tall, free and very beautiful. Midseason. **S, 60c; M, 85c; L, \$1.50.**

Faust. Guard petals and crown pink, fading to lilac-white, collar of narrow sulphur-white petals, midseason. **S, 35c; M, 65c; L, \$1.00.**

Jules Calot. Large, flat rose type, dark pink, with silvery reflex. Fragrant, strong, medium height; free bloomer. Midseason. Good. **S, 40c.**

None of the early Summer Perennials can excel the Peony in beauty of form, color and fragrance. Peonies should be in every garden.

Peonies—Continued.

Light and Dark Pink, and Rose—Cont.

- Kohinoor.** Shell pink, very free, splendid cut flower, midseason. S, 45c; M, 85c; L, \$1.25. (See Illustration.)
- Lady Leonora Bramwell.** Beautiful large rose-colored Peony. Very free. Splendid cut-flower sort. S, 45c; M, 85c; L, \$1.25.
- Livingstone.** Very massive solid light pink of the highest class. Rose shape. Free. Vigorous bloomer and very late. S, \$1.00; M, \$1.50.
- Madame de Galhau.** Large and full curved bloom with closely set petals. Soft glossy, flesh-pink, petals bordered silvery-pink. S, 40c; M, 65c; L, \$1.00.
- Madame Emile Galle.** Flat, compact, rose-type bloom. Deep lilac-white, changing to milk-white in the center. Tall. Late. S, \$1.00.
- Madame Emile Lemoine.** Large globular, compact, semi-rose type. Milk-white. Medium height. S, \$1.50.
- Madame Forel.** Immense, compact, ball-shaped bloom. Clear deep rose. Strong stems, very fragrant. Late. S, 75c; M, \$1.25.
- Madame Furtado.** Bright violaceous-pink guard, bright salmon-pink center. S, 50c; M, 85c.
- Madame Geissler.** One of the largest Peonies, very double globular. Imbricated, massive and imposing. Color: a glossy silvery rose, shading to Bengal rose at base of petals. Delicious fragrance. An abundant midsummer bloomer. One of the best cut-flower sorts. S, 75c; M, \$1.00.
- Marguerite Gerard.** Large, compact, semi-rose developing into a crown with stamens. Very pale hydrangea pink, fading to nearly white, central petals flecked dark carmine. A free bloomer. Late. Extra. S, \$1.00, M, \$1.25.
- Modele de Perfection.** Color clear flesh-pink, marked with bright rose and bordered with silvery rose; large guard petals forming high globular buds, with some petals salmon-shaded. Late and very fragrant; very desirable sort. S, 75c; M, \$1.00.
- Modeste Guerin.** Very large bomb-shape, full and compact. Superb soferino red. Very free-flowering and fragrant. Exceptionally strong rigid stems. Midseason. An extra good variety. S, 50c; M, 85c.
- Monsieur Jules Elie.** Immense globular, very full, double, imbricated bloom on very heavy stems; petalage broad and over-lapping; color, glossy flesh-pink, shading to a deeper rose at the base and the entire blooms covered with a silvery reflex. A vigorous grower, free bloomer, very fragrant. One of the very best pink sorts. S, \$1.00; M, \$1.50.
- Octavie Demay.** Very large, flat, crown. Guards and center pale hydrangea-pink, collar almost white. Fragrant. Very dwarf habit, free bloomer. An exceptionally choice variety. S, \$1.00; M, \$1.50.
- President Taft (New).** Very large cup-shaped bloom of a lilac pink, center marked carmine. S, \$1.25, M, \$2.00.
- Prolifera Tricolor.** Medium size. Guards flesh-white, collar of sulphur-yellow. Narrow ligulated petals, open, pale-rose crown, enclosing a tuft of sulphur-white petals. Fragrant. Late. S, 50c; M, 85c; L, \$1.40.
- Pulcherrima.** Outside petals flesh, center pink. Very large and borne on long strong stems. S, 35c; M, 75c; L, \$1.00.
- Sarah Bernhardt.** Guard petals silvery rose, center amber, tinged salmon. Exceedingly early and very beautiful. S, \$1.00.
- Souvenir de G. Calot.** Very large bloom, satiny pink, shaded glossy soft lilac. S, 60c; M, 85c; L, \$1.25.
- Souvenir de l'Exposition Universelle.** Large perfect shaped imbricated flower, brilliant cerise, with silvery reflex. S, 65c; M, \$1.00; L, \$1.50.
- Thorbeckii.** Deep red pink; of fine form; lighter in center. Medium dwarf habit. S, 45c.
- Triomphe de l'Exposition de Lille.** Large, imbricated flower; soft carnation pink, with white reflex, carmine center; very fresh coloring. One of the best. S, 60c; M, 85c; L, \$1.25.
- Triumphans Gandavensis.** Soft salmon pink shading to creamy white with carmine spots, free bloomer, strong grower. S, 35c; M, 75c.

Red and Crimson Sorts

- Andre Lauries.** Large, very compact, globular rose type. Dark rose, with deeper center, and silvery reflex. Medium tall. S, 50c; M, 85c; L, \$1.25.
- Augustin D'Hour.** Large, bomb-shaped flower, dark brilliant soferino-red with slight silvery reflex. Medium tall, very free; midseason. Very fine. S, 60c; M, 90c; L, \$1.50.
- Delachei.** A very striking Peony. Deep rich amaranth purple with a crimson reflex. Late, fragrant, a strong grower, and a free bloomer. A fine sort for massing. S, 45c; M, 60c; L, \$1.25.
- Edouard Andre.** Early-blooming, deep brilliant crimson with metallic glow and golden yellow stamens. Valuable and unique. S, 75c.
- Felix Crousse.** Large, compact, and typical bomb-shaped red, dazzling in the brilliancy of its color; it is in fact, the best red Peony. Free midseason blooming and quite fragrant. S, 50c; M, 85c; L, \$1.25. (See back cover.)
- General Cavaignac.** Large, Globular, compact semi-rose type. Violet rose edged lighter. Center splashed crimson. Tall, free, late. S, 60c; M, 85c; L, \$1.25.
- La Grange.** This variety appeared with us as a rogue in "Charlemagne" eight years ago. It impressed us as being very desirable on account of its striking cerise color, heavy stem, and large double flowers, and we have been propagating this variety since then. Everyone who has seen it in our nursery is delighted with it and we can strongly recommend it. S, 60c; M, 85c; L, \$1.25.



KOHINOOR

Red and Crimson Sorts—Cont.

- Louis Van Houtte.** Medium size, semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery reflex. Medium-late. S, 35c; L, \$1.00.
- Madame Le Bon.** Late; very large; color, brilliant cerise-red with silvery reflex. Extra. S, 50c; M, \$1.00; L, \$1.40.
- Marechal Valliant. (Grandiflora Rubra.)** Very large, compact, globular flower. Dark mauve pink; very tall and late. An excellent variety. S, 60c; M, \$1.00, L, \$1.50.
- Meissonier.** Broad outer petals, brilliant purple amaranth, inner petals crimson, free bloomer. S, 50c; M, 85c; L, \$1.25.
- M. Barral.** Fine pink; very large and double. Strong stem. Late. S, 75; M, \$1.00; L, \$1.75.
- M. Krelage.** Large, compact, semi-rose type. Dark soferino-red, with silvery tips. Slightly fragrant. Strong, upright, free bloomer. Late. Very desirable. S, 60c; M, \$1.00.
- M. Martin Cahuzac.** Medium sized, globular, semi-rose type. Dark purple garnet with black reflex. The darkest peony known. Strong, vigorous grower. Free bloomer. Midseason. S, \$5.00.
- Monsieur Paul Du Ribert.** Large, medium, loose, bomb type. Uniform deep carmine-rose. Fragrant. Medium height, free bloomer. Late. S, 60c; M, 85c; L, \$1.25.
- Officinalis Rubra Plena.** This is the old-fashioned red, the most brilliant of all red Peonies. Early and splendid cut flower. S, 35c; M, 60c.
- Souvenir de l'Exposition de Bordeaux.** A fine globular flower, very full, bluish violet and red, with bright reflex. \$1.00; M, \$1.50.

Unnamed Peonies

Double White, Pink and Red. S, 25c; M, 50c; L, \$1.00.

Various Peonies

- Single Crimson, small, each 50c.
 Single Pink, small, each 50c.
 Single White, small, each 75c.
 Japanese Tree, 3 year old plants, 3 colors, each \$1.25.

Discount Off List Prices on Peonies

Orders amounting to \$5.60 will be \$5.00 cash.
 Orders amounting to \$11.50 will be \$10.00 cash.
 On orders amounting to \$15.00 and over we shall allow a straight cash discount of 15 per cent.

Vaughan's Hardy Phlox

Phlox Decussata

THIS is one of the most useful flowers for summer decoration, the colors varying from pure white to deep crimson. They are not at all particular as to soil, and are exceedingly hardy. To obtain good results it is wise to manure the soil well and give them a fairly open situation, and an occasional soaking of water during very dry weather. Once planted they require no further attention for several years, but it is advisable to renew them about every fifth year.

The flowering period is from the early part of July to the middle of September and they grow to heights varying from 1 to 3 and even 4 feet. If the first flower spikes are cut off as soon as over, and the plants are given a good soaking, a second crop of bloom extending until late in fall may be expected.

Our collection contains the finest of the new introductions. The colors are very beautiful and striking, and the individual flowers are in many cases twice and thrice the size of the older varieties.

The blue, lavender, and orange colored ones should be planted in semishade, as the sun is apt to bleach out the colors in a short time.

Letters and numbers immediately following the varieties indicate time of flowering and approximate height as follows:

Varities marked * can be had in larger clumps at 50% increase in price.

Varities marked thus § are suitable for planting with bulbs. See p. 27.

- | | | |
|----------------|------------|---|
| (1) Early | (D) Dwarf | Our prices are for one-year field-grown plants. |
| (2) Mid-season | (M) Medium | |
| (3) Late | (T) Tall | |

At \$1.50 per dozen, price per 100 is.....	\$10.00	25 of any variety supplied at these rates.
At \$2.00 per dozen, price per 100 is.....	\$14.00	
At \$2.50 per dozen, price per 100 is.....	\$18.00	

*Antonin Mercie. (M 2.) A beautiful grayish lilac with white center. Each, 15c; dozen, \$1.50.

*Athia. (L 2.) Tall salmon pink. Each, 15c; dozen, \$1.50.

Aurora. (D 2.) Large trusses of brilliant rose pink. Each, 20c; dozen, \$2.00.

Baron Von Dedem. (T 2.) Brilliant orange-scarlet with immense trusses and individual flowers. Each, 20c; dozen, \$2.00.

Beranger. (D 1.) Ground color white, delicately suffused with rosy pink and a distinct amaranth red eye. Each, 15c; dozen, \$1.50.

Braga. (M 2.) Mauve rose color suffused with salmon, large white eye. Each, 25c; dozen, \$2.50.

Bridesmaid. (D 2.) Pure white, large crimson-carmine eye. Ea. 15c; doz. \$1.50.

Clara Benz. (D 2.) Brilliant carmine-rose. Each, 20c; dozen, \$2.00.

Cocquelicot. (T 2.) A fine orange scarlet with crimson eye. Each, 15c; dozen, \$1.50.

Crepuscule. (M 2.) Large cherry red center, edged pale violet pink. Each, 20c; dozen, \$2.00.

Eclairer. (T 3.) Brilliant rosy magenta with lighter halo. Each 15c; doz. \$1.50.

Elizabeth Campbell. (D 2.) New. Bright salmon pink with lighter shadings and dark crimson eye. One of the best. Each, 15c; dozen, \$1.50.

*Eugene Danzanvillier. (D 1.) Soft lilac blue with large white center, free and continuous bloomer. Each, 15c; dozen, \$1.50.

Europa. (T 2.) White, distinct carmine eye, large flower. Each, 15c; dozen, \$1.50.

*Flora Hornung. (D 2.) Milk-white with carmine eye. Each, 20c; doz., \$2.00.

Frau A. Buchner. (M 2.) Pure white. Undoubtedly the finest white yet raised. Strong habit. Each, 25c; dozen, \$2.50.

Fraulein Von Lassburg. (T 2.) The purest snow-white in cultivation. Extra fine. Each, 20c; dozen, \$2.00.

*General Von Heutz. (T 2.) Brilliant salmon red with white center. Very large heads; free bloomer. Each, 15c; dozen, \$1.50.

Gruppen Koenigin. (M 2.) Flesh with dark eye. Immense heads; very large individual flowers; very free and lasting. Each, 20c; dozen, \$2.00.

Hervor. (M 2.) Carmine rose with white eye. Each, 25c; dozen, \$2.50.

*Jeanne d'Arc. (T 3.) Fine pure white. Each, 15c; dozen, \$1.50.



ELIZABETH CAMPBELL

Katinka Beeli. (M 2.) Large trusses, coppery crimson with blood-red eye. Very distinct. Each, 25c; dozen, \$2.50.

*Le Madhi. A metallic bluish-violet color having fine large truss, a prolific bloomer. One of the very best of its color. Each, 20c; dozen, \$2.00.

*Mme. Bezanson. (T 2.) Bright rosy red. Each, 15c; dozen, \$1.50.

*Mme. Paul Dutrie. (M 1.) Soft pink, suffused white. Ea., 15c; doz., \$1.50.

Miss Lingard (T 1.) (Suffruticosa). Pure white; the earliest of all. Blooms all summer; good for cut flowers. Each, 20c; dozen, \$2.00.

Mrs. Arthur Baker. (M 2.) Fine salmon; very distinct. Ea., 20c; doz., \$2.00.

Mrs. John Barker. (M 2.) Dark carmine pink; very fine. Ea. 25c; doz. \$2.50.

*Mrs. Jenkins. A very free flowering early variety of medium height producing immense panicles of pure white flowers. Each, 15c; dozen, \$1.50.

Pantheon. (T 2.) Deep salmon rose, very fine. Each, 20c; dozen, \$2.00.

R. P. Struthers. (T 2.) Rosy carmine with claret eye. Each, 20c; dozen, \$2.00.

Rhynstrom. Beautiful color not unlike that of Paul Neyron Rose. A good strong grower and a very free-flowering variety. Each, 25c; dozen, \$2.50.

*Rosenberg. (M 2.) New. Bright reddish violet with blood-red eye; individual flowers large. Each, 20c; dozen, \$2.00.

Selma. (T 2.) Large trusses of very large pink flowers with cherry-red eye; choice. Each, 20c; dozen, \$2.00.

Sigrid Arnoldson. (T 2.) Fiery carmine red with dark center; extra fine. Each, 25c; dozen, \$2.50.

Tapis Blanc. (D 1.) Pure white; immense heads. The best dwarf Phlox in cultivation. Each, 25c; dozen, \$2.50.

Von Goethe. (M 2.) Pure clear pink with white eye. Each, 20c; dozen, \$2.00.

Von Hochberg. (M 3.) The ideal crimson. The richest of its color. Each, 20c; dozen, \$2.00.

Wanadis. Mottled white and light violet, intensified with bright purplish red eye; very distinct. Each, 25c; dozen, \$2.50.

Widar. (M 2.) A much admired violet blue with white eye; a rich colored form of Antonin Mercie. Each, 25c; dozen, \$2.50.

MIXED.—1 year field-grown plants of a choice mixture of colors. Unnamed varieties. Each, 10c; dozen, \$1.00; per 100, \$6.00; by express only.

SPECIAL OFFER No. 36.—One each of 20 varieties, our selection from above. All distinctly labelled for \$2.50 by express, not prepaid.

SPECIAL OFFER No. 36A.—One each of 10 varieties, our selection from above. All distinctly labelled for \$1.50 by express, not prepaid.

Phlox Arendsi

12 to 24 ins. high, flowers in May, very lasting, and excellent for perennial borders and shrubberies.

Amanda. 15 in. high, well branched. Flowers of medium size, early, lavender with dark center. A splendid bedder. Each, 35c; dozen, \$3.50.

Laise. Height about 24 in. Color of flower pale lilac with carmine eye. Price, each, 35c; dozen, \$3.50.

Dwarf and Alpine Phlox

These are remarkable for their dense prostrate habit and mass of bloom in spring and early summer. They are splendid subjects for the fronts of borders and graves. They are quite distinct from the Phloxes offered above.

§Amoena Rosea. Bright pink; May to June; height 6 in. Ea., 15c; doz., \$1.50.

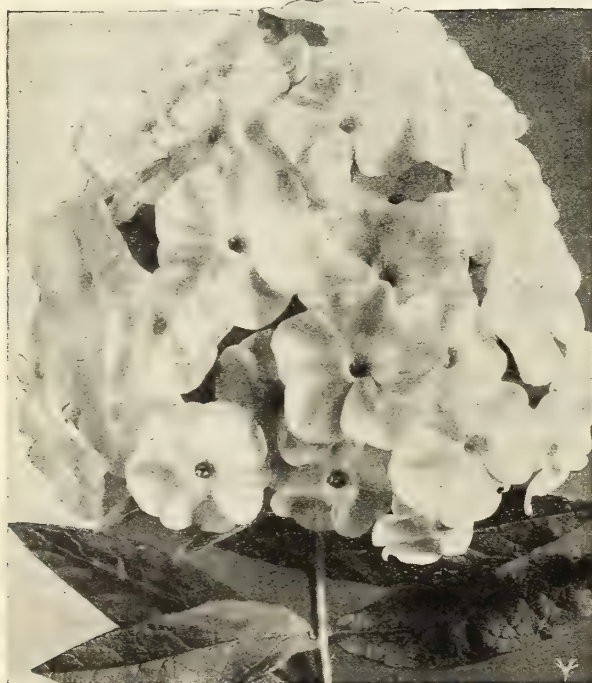
§Divaricata Laphami. (New.) A very beautiful variety with clear lavender blue flowers from April to July; height 1 foot. Each, 15c; dozen, \$1.50.

§Maculata Alpha. Dwarf early variety with dark pinkish mauve flowers, stems usually spotted and slender. Each, 25c; dozen, \$2.50.

§Pilosa Splendens. From 12 to 15 inches high producing great masses of brilliant rosy-carmine flowers. It blooms at the same time as Phlox Divaricata making a splendid companion to it. A very effective sort. Each, 25c; dozen, \$2.50.

§Subulata Alba. A compact mass of elegant prostrate foliage, dainty white flowers in May and June; height 4 inches. Each, 15c; dozen, \$1.50.

§Subulata Rosea. Same as above but with dainty rose pink flowers. This and Alba are fine for graves. Each, 15c; dozen, \$1.50.



FRAULEIN VON LASSBURG

Prices per 100, see rates page 27.
25 at 100 rate; 6 at dozen rate.



PLATYCODON



RUDBECKIA PURPUREA



PYRETHRUM

Botanical Name	Common Name	Flowering Period	Color	Height	Each	Doz.
PAPAYER	Oriental Poppy					
Goliath		June-July	Scarlet	3½ ft.	25c	2.50
Mahony		June-July	Deep Maroon	3 ft.	25c	2.50
Marie Studholme		June-July	Salmon	3 ft.	25c	2.50
Mrs. Perry (New)		June-July	Orange Apricot	3 ft.	25c	2.50
Princess Ena (New)		May-Aug.	Salmon Pink	3½ ft.	25c	2.50
Princess Victoria Louise		June-July	Soft Lilac Rose	3 ft.	25c	2.50
Rembrandt		June-July	Orange Salmon	3 ft.	25c	2.50
Silver Queen		June-July	Silvery White	3 ft.	25c	2.50
Iceland Poppy—See page 33.						
PENTSTEMON	Beard's Tongue					
Barbatus Torreyi (Chelone)		June-Aug.	Brilliant Scarlet	3 ft.	15c	1.50
Digitalis		June-July	Purple White	2 ft.	15c	1.50
PHALARIS See Grasses						
PHYSOSTEGIA	False Dragon Head					
Virginica		June-Sept.	Soft Pink	3-4 ft.	15c	1.50
Alba		June-Sept.	Pure White	2 ft.	15c	1.50
Speciosa		June-Sept.	Delicate Pink	4 ft.	15c	1.50
PLATYCODON	Balloon Flower					
Grandiflora		May-Sept.	Deep Blue	18 in.	15c	1.50
Alba		May-Sept.	White	18 in.	15c	1.50
Mariesi		May-Sept.	Violet Blue	12 in.	15c	1.50
Alba		May-Sept.	White	12 in.	15c	1.50
PLUMBAGO	Leadwort					
Larpentae		Sept.	Deep Blue	1 ft.	15c	1.50
POLYGONUM	Knot Grass					
Compactum		July-Oct.	White tinged Rose	2 ft.	15c	1.50
Cuspidatum	Japanese Knot-weed	July-Oct.	White	7 ft.	15c	1.50
POTENTILLA	Cinquefoil					
Formosa		June-Aug.	Rosy Red	18 in.	15c	1.50
PRIMULA						
Veris Grandiflora	Hardy Primrose	May-June	Yellow	10 in.	15c	1.50
PYRETHRUM						
Aphrodite		June	Double White	18 in.	35c	3.50
Lord Roseberry		June	Double Carmine	18 in.	35c	3.50
James Kelway		June	Single Red	18 in.	35c	3.50
Princess de Metternich		June	Large White	18 in.	35c	3.50
Ne Plus Ultra		June	Dble. Flesh Color	18 in.	35c	3.50
Single and Double Mixed		June	18 in.	15c	1.50	
Uliginosum	Giant Daisy	Sept.-Oct.	White	5 ft.	15c	1.50
RANUNCULUS						
Acris		May-June	Yellow	2½ ft.	15c	1.50
ROSMARINUS						
Officinalis	Rosemary		Lavender	2 ft.	15c	1.50
RUDBECKIA	Cone Flower					
Laciniata fl. pl.	Golden Glow	July-Oct.	Yellow	5-7 ft.	15c	1.50
Golden Ray	New	July-Oct.	Golden Yellow	6 ft.	15c	1.50
Newmani		June-Sept.	Orange, Blk. Cone	2 ft.	15c	1.50
Nitida "Fall Sun"	New	Sept.-Oct.	Golden Yellow	6 ft.	15c	1.50
Purpurea Grandiflora	Purple Cone Flower	July-Sept.	Reddish Purple	3 ft.	15c	1.50
SALVIA						
Azurea Grandiflora		Aug.-Oct.	Sky Blue	3 ft.	25c	2.50
Pitcheri	Meadow Sage	Sept.-Oct.	Deep Blue	3½ ft.	25c	2.50
Officinalis	Common Sage				15c	1.50
SAPONARIA						
Ocymoides Splendens		May	Pink	6 in.	15c	1.50

Use, Soil, Position, Etc.

For gorgeous coloring the Oriental Poppies have few rivals amongst hardy plants, making a magnificent effect in the border, shrubbery or wherever large breaks of distinct and glowing colors are required. Their freedom of bloom renders them conspicuous in any position. Good, deep, rich soil and open situation suit them best. We offer only the finest varieties of tried merit. To secure best results, these should be planted early in September, or as soon as ground is open in Spring.

These graceful plants bearing long spikes of flowers are very free and will flourish in any ordinary well drained garden soil. The prolonged flowering season makes them valuable for the border.

Fine for a cool situation and rich, light soil, bearing erect spikes of pretty feather-like flowers. Useful for borders, wild gardens and for cutting.

Very handsome plants of the Campanula family, having large open bell-shaped flowers, which in the bud resemble a balloon, hence the name. As border plants they are unique, and should be planted in quantity. Sandy loam is best.

One of the best dwarf perennials. The flowers of deep blue are borne in great profusion throughout the fall months.

A valuable plant forming dense bushes, covered with large spikes of flowers, white tinged rosy pink.

Valuable for massing in borders, and for cut flowers. They require light, deep, loamy soil with exposed position.

Can be used to advantage for naturalizing in woods. They like leaf-soil, old decayed manure, light soil and a cool, moist situation.

Too much cannot be said in favor of the Hybrid Pyrethrums, which bloom in May and June, and are sometimes called Spring flowering Chrysanthemums. They are of great value for cut flower purposes, lasting in water longer than any flower we know. They are variable in color, ranging from pure white to the most intense scarlet and crimson, and are perfectly hardy, delighting in a cool, moist soil. If the dead flower stalks are cut off immediately after they are through flowering, a second crop of flowers will usually result during the cool fall months.

A showy border plant, bearing rosettes of double yellow flowers in early summer.

Aromatic herb of neat habit, an old favorite on account of its sweet smelling foliage.

The Rudbeckias are very decorative plants for shrubberies, flower borders or side of carriage drives, thriving in any good garden soil. Golden Glow is perhaps the best known kind, although they are all worthy of a trial, especially the Purpurea for its wine-red color. Worthy of a place in any garden, the flowers are of the richest golden yellow, and when fully open form a most beautiful rosette. R. Newmani differs from the other varieties in being very dwarf and showing the black cone (or disc) more conspicuously.

Beautiful plants, with long spikes of tubular blue flowers. Leaves of Officinalis used for seasonings and dressings.

This charming rock or border plant produces sheets of pink flowers in early summer. It is of very easy culture and thrives in any garden soil in full sun.

Hardy Pyrethrums are among the best of the Early Summer Flowers, both for Garden Effect and Indoor Decoration.



STATICE LATIFOLIA



YUCCA FILAMENTOSA



SWEET WILLIAM (Dianthus Barbatus)

Botanical Name.	Common Name.	Flowering Period.	Color.	Height.	Each.	Doz.	Use, Soil, Position, Etc.
SCABIOSA	Mourning Bride						
Caucasica		June-Sept.	Pale Blue	18 in.	15c	1.50	Useful border plants blooming freely all Summer; much prized for cutting and massing in old-fashioned gardens; succeeds best in light loam with plenty of sun.
Alba		June-Sept.	White	18 in.	20c	2.00	
SEDUM							
§Acre.	Golden Moss	May-June	Bright Yellow	3 in.	15c	1.00	Fine plants for rock-garden, ruins, banks and walls, preferring open, loamy soil and stones. They will, however, flourish anywhere in city or country and stand dry weather.
Spectabile	Brilliant Stone-crop	July-Aug.	Rose Color	18 in.	15c	1.50	
Atropurpureus		July-Aug.	Bright Crimson	18 in.	25c	2.00	
SILENE							
Orientalis		July-Oct.	Rose Pink	8 in.	15c	1.50	Useful plants for front row of Herbaceous border, bearing quantities of bright flowers. Schafta is of compact neat growth.
Schafta	Late Catchfly	July-Oct.	Purple Rose	6 in.	15c	1.50	
SOLIDAGO	Golden Rod						
Canadensis "GoldenWings"		Sept.-Oct.	Rich Yellow	6 ft.	25c	2.50	Native plants of the easiest culture, graceful panicles of golden yellow flowers invaluable for cutting from August to October, at a time when flowers in the outdoor garden are scarce.
SPIRAEA	Goats' Beard or Meadow Sweet						
Filipendula fl. Pl.	Dropwort	June-July	Double White	18 in.	20c	2.00	Filipendula fl. pl. is good for front row in hardy border or edging.
STATICE	Sea Lavender						
Latifolia		July-Sept.	Lavender	2 ft.	15c	1.50	Spreading panicles of everlasting flowers which are much prized for Winter decoration. They are graceful plants for the border; require sandy soil and full exposure to the sun.
STOKESIA	Stokes' Aster						
Cyanea		July-Oct.	Pale Blue	18 in.	15c	1.50	Produces showy Aster-like flowers from 4-5 inches across; succeeding in any open position.
Cyanea Alba		July-Oct.	White	18 in.	15c	1.59	
SWEET WILLIAM (Dianthus Barbatus)							
Diadematus		June-July	Mixed	18 in.	15c	1.50	The varieties offered are an improvement on the old-fashioned kinds, inasmuch as the colors and size of flower are far superior, being grown from select seed. Sweet William looks fine in solid beds or masses and requires a good, rich, well manured soil to grow it to perfection.
Nigrescens		June-July	Nearly Black	18 in.	15c	1.50	
White, Pink or Red				18 in.	15c	1.50	
Roseus		July-July	Bright Red	18 in.	15c	1.50	
Single Mixed		June-July	Mixed	18 in.	15c	1.50	
TARRAGON (True German)							
Clumps					20c	2.00	Used for culinary purposes.
THALICTRUM	Meadow Rue						
Adiantifolium		June-Aug.	Yellow	8 in.	15c	1.50	These stately plants should be more grown on account of their finely cut foliage, which much resembles that of Maiden-hair Ferns. Diptero-carpum is a beautiful and rare plant.
Flavum		June-Aug.	Yellow	4 ft.	15c	1.50	
Diptero-carpum		Aug-Sept.	Lilac Mauve	4 ft.	50c	5.00	
THYMUS Vulgaris	Thyme			12 in.	15c	1.50	An old-fashioned plant much prized for its fragrance. It is an evergreen and should be protected in winter in the colder sections.
TRADESCANTIA							
Virginica	Spider Wort	July-Aug.	Blue	2 ft.	15c	1.50	A native plant that will thrive almost anywhere. The flowers are curious and produced in a succession throughout the whole Summer. The foliage is like the day lilies, is persistent and keeps green all Summer. Desirable for naturalizing.
Alba		July-Aug.	White	2 ft.	20c	2.00	
Lilacina		July-Aug.	Lilac	2 ft.	20c	2.00	
Rubra		July-Aug.	Rose	2 ft.	25c	2.50	
TRILLIUM	Wake Robin						
§Grandiflorum		May-June	White	12 in.	10c	1.00	One of the most beautiful of our native flowers. Hardy everywhere. Should be planted in partial shade. Splendid for naturalizing in moist shaded places. Flowers are pure white. Per 100, \$4.00; Per 1000, \$35.00.
TRITOMA —plant in Spring							
TROLLIUS	Globe Flower						
§Asiaticus fl. Pl. Croceo		May-June	Dark Orange	18 in.	25c	2.50	Beautiful showy border plants, having luxuriant foliage. Thrive best in semi-shady places and moist situations with heavy soil.
Japonicus Excelsior		May-June	Orange	2 ft.	25c	2.50	
TUNICA							
Saxifraga		June-July	Pink	1 ft.	15c	1.50	A very pretty little rock or border plant, bearing dainty pink flowers on slender stems.
VERONICA	Speedwell						
Longifolia Subsessilis		July-Aug.	Blue	2½ ft.	15c	1.50	Among the prettiest of herbaceous plants, bearing in most cases blue flowers, which are much needed. Subsessilis is the best of the tall growing species and makes a fine cut flower.
Spicata		July-Aug.	Bright Blue	18 in.	15c	1.50	
Compacta		July-Aug.	Light Blue	10 in.	15c	1.50	
VINCA							
Minor	Green Myrtle	June	Blue	4 in.	10c	1.00	Old garden favorites and valuable for graves, rough places and growing under trees where few other plants will live; they soon make a carpet.
Argentea Variegata		June	Blue	4 in.	20c	2.00	
VIOLA Odorata							
Hardy Double English Violet			Blue	4 in.	20c	2.00	Should be planted in every garden, thrives well in partial shade, and is prized for the sweetness of the blossom.
YUCCA Filamentosa	Adam's Needle	June-July	Pure White	4-5ft			A charming plant to group in the hardy flower border, cemetery or as specimens on the lawn.
Price. Strong plants at 25c each, \$2.50 per doz. larger plants at 50c, 75c and \$1.00 each according to size.							

Salvia Pitcheri is an Excellent Blue Flower for Fall Effect.

Ornamental and Flowering Trees and Shrubs



The planting of shrubs, or perhaps shrubs combined with shade trees, with some conception as to the effect to be produced in future years, is a matter to be considered by everyone who wishes to complete the picturesqueness of a villa residence or country home. Shrubs around a house hide unsightly corners, and the hard straight lines of the architecture; or grouped at a distance, by the sides of walks, carriage drives, and fences, they break what might be a monotonous line of vision over bare lots, and give a tone of privacy to the home surroundings. Everywhere one can find places that will suggest their use, and when in flower, or adorned with their bright and varied foliage, their charm and beauty will be appreciated from early spring until late fall when most of them display their brightest colored leaves, to be followed by the red berries of many varieties during the winter months. Those who are not well acquainted with varieties and are doubtful as to what to plant, we shall be glad to help in selecting, and make suggestions and plans for grouping, for all sites and purposes.

A denotes shrubs which attain 9 to 12 feet in height at maturity.

B denotes shrubs which attain 5 to 8 feet in height at maturity.

C denotes shrubs which attain 1 to 4 feet in height at maturity.

Our Shrubs are transplanted every two or three years and are furnished with plenty of fibrous roots and should not be compared with stock that is seldom transplanted or never moved from cutting beds until sold.

Specimens. The term is applied to shrubs that are perfect both in height and diameter as well as shape, and are recommended where immediate effect is desired.

Where personal selection of any stock is made by customers at our Nursery we always charge according to its value.

Visitors are invited to our nursery to inspect our stock of Ornamental Shrubs, Fruit and Shade Trees, etc. We have a choice lot of specimens such as are not usually seen. Our nursery is located at Western Springs, (15 miles west of Chicago on C. B. & Q. R. R.), two blocks South of 47th Street, the continuation of East Boulevard.

SHIPPING DIRECTIONS. Shrub orders amounting to \$5.00 and over include prepayment either by express or freight, within limits of Chicago. Otherwise Shrubs and Trees must be sent by express or freight, customers paying charges. Always give full and explicit shipping directions, as our responsibility ends on delivery of Shrubs and Trees in good condition to the freight or express office. All Trees, Shrubs and Plants shipped subject to customers assuming risk regarding State Entomology requirements.

ABOUT PRICES OF TREES

Where the price each is given, the following are our rates for 3 and 12 of a kind.

Each	3 for	Dozen	Each	3 for	Dozen
20c.....	\$0.50	\$2.00	60c.....	\$1.70	\$6.60
25c.....	.65	2.50	65c.....	1.85	7.20
30c.....	.80	3.00	70c.....	2.60	7.50
35c.....	1.00	3.50	75c.....	2.15	8.00
40c.....	1.10	4.00	80c.....	2.25	8.50
45c.....	1.25	4.50	85c.....	2.40	9.00
50c.....	1.40	5.00	90c.....	2.50	9.50
			\$1.00.....	2.90	11.00

IMPORTANT. Unpack and examine all packages on arrival, and if roots are dry, give a good soaking with water. Never let trees lie about with their roots exposed to the air. If several have to be planted, open a trench and "heel in" the roots, and then plant at your leisure.

AMELANCHIER (June-Berry or Shad-Bush)

Vulgaris. This variety blooms in early summer. The flowers are white and are followed by black or purplish berries, which are juicy and sweet. The leaves color beautifully in the fall. 2 to 3 ft., 40c.

AMORPHA (B)

Hardy, free-flowering shrubs, with feathery foliage, adapted to sunny locations. Very valuable for border plantations or for massing on banks and slopes.

Canescens (Lead Plant). A small native shrub bearing light purple flowers in June. 2-year bushy, 40c; 3-year bushy, 50c.

Fruticosa (False Indigo). This large growing shrub has dense terminal panicles of pretty, odd and attractive bluish flowers in July. 2-year, 30c; 3-year, 50c.

ARALIA (The Angelica Tree)

The luxuriant, tropical aspect of these plants is extremely charming. The large compound leaves, often 3 or 4 feet long, the huge panicles of creamy white flowers, and, in autumn, the wealth of dark purple berries disposed in numerous globe-like clusters—these constitute some of the glories of the Aralias. They are small trees or bushes, relatively hardy, with the larger or tree-like stems surrounded at the base by smaller, unbranched shoots.

Mandshuricus. A very handsome shrub of erect habit and very large, much divided spiny leaves. 2 to 3 ft., 50c.; 4 to 5 ft., 75c.

Maximowiczii. (A.) A remarkable small tree with upright, spiny trunk. Leaves rich deep green, on strong, long stems. 2 to 3 ft., 50c.

Pentaphylla. (B.) A pretty Japanese shrub of medium size and rapid growth, branches furnished with spines, leave five lobed. 2 to 3 ft., bushy, 35c; 3 to 4 ft., 60c.

Spinosa (Hercules' Club). A large shrub of semi-tropical appearance. Very prickly stem. Bears immense clusters of white flowers. 2 to 3 ft., 50c; 4 to 5 ft., 75c; 5 to 6 ft., 1.00; 8 to 10 ft. specimens, 1.50.

AZALEA MOLLIS (C)

A beautiful variety from Japan, with large flowers of various shades of yellow, orange, carmine, etc. Requires partial shade. 10 to 20 buds, 75c.

BERBERIS (Barberry)

Hardy shrubs with thorny branches, thriving in almost any kind of soil. They are of inestimable value in the plantations, both on account of the profuse and highly colored fruits and the gorgeous colors of the autumn foliage.

Illicifolia. (Holly-leaved Barberry. (B.)) The thick, spiny evergreen leaves of this species give it a very close resemblance to the Holly. 1½ to 2 ft., 75c; 2 to 2½ ft., 1.00. These prices are for stock with ball of earth and burlapped.

Japonica. 12 to 15 in. bushy, each 30c.; 100 \$20.00; 18 to 24 in. bushy, each 45c; 100 \$30.00.

Vulgaris. (European Barberry. (B.)) A handsome shrub suitable for hedge, with yellow flowers in May and June, followed with orange-scarlet fruit. 1 to 2 ft., 25c; per 100, \$12.00; 2 to 3 ft., bushy, 35c; 3 to 4 ft., 50c.

Vulgaris Purpurea. (Purple-leaved Barberry. (B.)) Especially remarkable for purple foliage and fruit. When full grown, plants attain a height of 4 to 5 ft., but can be kept at any height below this by shearing. Endures partial shade and is perfectly hardy. 1½ to 2 ft., each 35c; 2 to 3 ft., each 40c; per 100, \$35.00; 3 ft., extra bushy, each, 60c.

Thunbergii. (Japanese Barberry. (B.)) One of the most beautiful shrubs either for hedging or general purposes. It is of a neat, compact growth and never need be touched with the shears. The foliage is beautiful at all times, and in the fall turns to a most brilliant crimson color. The plant is literally covered with bright scarlet berries all the fall and winter. It seldom grows over 4 ft. high. It is fine for the edge of a terrace and along roads and walks, and is justly popular as a hedge plant, forming without clipping a low dense hedge of surpassing grace and beauty, or by the free use of the shears, a formal hedge of great density and durability.

Age	Height	Each	Three	Doz.	100
1-year.....	10 to 12 in. (1000, \$25.00)...	\$0.15	\$0.30	\$1.00	\$6.00
2-year.....	15 to 18 in. (1000, \$40.00)...	.20	.40	1.25	10.00
3-year.....	18 to 24 in.	.30	.60	3.00	22.00
4-year, bushy.....		.40	1.10	4.00	30.00
5-year, extra bushy.....		.75	2.15	8.00	60.00
5-year specimens.....		1.00	2.90	11.00	75.00



BERBERIS THUNBERGII

CALYCANTHUS FLORIDUS (Sweet Shrub) (A)

The Calycanthus is one of the most desirable shrubs. The wood is fragrant. Flowers are of a rare chocolate color, having an exquisite pine-apple fragrance. They bloom in June and at intervals after. Nice bushy stock: 1½ to 2 ft., extra bushy, 40c; 2 to 3 ft., extra bushy, 50c.

CARAGANA SIBERICA (Siberian Pea Tree) (A)

A large shrub with compound leaves, consisting of 8 to 12 bright green leaflets. Native of Siberia. Flowers yellow, in numerous small clusters in late spring. Grows 10 to 12 feet tall. 4 to 5 ft., 75c. 5 to 6 ft., \$1.00

CEANOTHUS AMERICANA (Jersey Tea) (B)

A small shrub with a profusion of white flowers in crowded panicles, in June. One of the best shrubs for growing in shady places. 1 ft., bushy, 50c; 1½ ft., bushy, 75c.

CEPHALANTHUS OCCIDENTALIS (Button Bush) (B)

A hardy vigorous shrub with large glossy foliage and attractive white flowers. Thrives best in moist loamy soil. Very valuable for water-side planting, especially when fully exposed to the sun. 1½ to 2 ft. 45c; 3 to 4 ft. specimens, \$1.00.

CHIONANTHUS VIRGINICA (White Fringe Tree)

Large shrub or small tree, with large, heavy leaves almost hidden in spring by a thick mist of fragrant, drooping white flowers. When planted against evergreens it is one of our very best lawn ornaments. Attains a height of 9 to 15 feet. 1½ to 2 feet 45c; 2 to 3 feet. 60c.

CERASUS (Flowering Cherry) (A)

Padus (Bird Cherry) Bears dense panicles of white flowers in early spring—a very picturesque shrub. 3 to 4 ft., 50c.

Serotina (Wild Black Cherry). A shrub or small tree, covered with white blossoms in Spring, in long loose racemes; purplish black fruit in Autumn. Long narrow leaves, 3 to 4 ft., 60c.

CLETHRA ALNIFOLIA (Sweet Pepper Bush) (A)

A sturdy compact shrub, usually attaining a height of 3 to 5 feet, leaves dark green and lustrous, fading with yellow tones. Flowers creamy white, fragrant, in erect or pinnated racemes. A grand flowering shrub. Thrives in moist loamy soil. 1½ to 2 ft., bushy, 50c.

COLUTEA ARBORESCENS (Bladder Senna) (C)

A tall shrub with compound leaves, consisting of 9 to 13 dull green leaflets. Flowers yellow, pea-shaped, tinged with reddish brown, followed by large inflated, often highly colored seed-pods. Very attractive and ornamental. 3 to 4 ft., extra bushy, 60c.



BECHTEL'S DOUBLE FLOWERING CRAB



CHIONANTHUS (White Fringe)

CORCHORUS (Kerria)**(The Globe Flower or Japanese Rose)**

Japanica. A shrub 4 to 6 feet tall. Native of Japan. Leaves bright green, fading in autumn with tones of yellow. Flowers numerous, bright yellow, large and showy. A charming old-fashioned plant. 1½ to 2 ft., bushy, 50c.

Japanica Argentea Var. (B) A pretty dwarf variety with small, green foliage edged white, slender grower. A valuable dwarf shrub. 1 to 1½ ft., bushy, 35c.

Japanica Flore Pleno. Double flowered. This fine old shrub should be in all collections. It is of spreading habit. Its double yellow blossoms, which are about 1 inch in diameter appear early in May, one from each leaf axil. It is excellent for massing. 1 to 1½ ft., bushy, 40c.

CORNUS (Dogwood)

Hardy and vigorous shrubs, thriving best in moist, fertile soils. In addition to the showy flowers and fruits which characterize most of the species, they are very attractive objects in winter on account of the brilliant color of the bark of the young shoots and twigs. Valuable for borders and waterside planting.

Alternifolia. (Blue Dogwood) (B) A pretty, large shrub; forms almost flat heads. The bunches of white flowers borne in May are followed by deep blue berries. 2 to 3 ft., 45c. 3 to 4 ft., 60c.

Mas. (Cornelian Cherry) (B) One of the earliest of spring blooming shrubs bearing a profusion of small, yellow flowers along its naked branches in early days of April. Bright red berries the size of small cherries 1½ to 2 ft., 35c. 2 to 3 ft. Extra bushy; 3 ft. bushy, 60c.

Sanguinea. (Red-branched Dogwood) (B) Very conspicuous and ornamental. Bark in winter blood-red. 2 to 3 ft., 45c; 3 to 4 ft., bushy, 60c; 5 to 6 ft. specimens, extra bushy, \$1.00.

Sericea. (Silky Dogwood) A reddish-stemmed variety, producing its corymbs of white flowers late in June, followed by pretty blue berries in October; 3 to 4 ft., bushy, 50c.

Siberica. (Siberian Red Osier) An upright shrub with bright blood-red branches. Native of Siberia. Flowers creamy white in numerous small flat-topped clusters. Fruit light blue or bluish white. Usually 6 to 10 feet tall. Very brilliant, especially in early spring, when the bark is intensely colored. Our stock is very bushy.

Height	Each	Three	Doz.	100
1½-2 ft.	\$0.30	\$.80	\$3.00	\$20.00
2-3 ft. extra bushy	.40	1.10	4.20	30.00
3-4 ft. " "	.50	1.40	5.40	35.00
4-5 ft. " "	.60	1.70	6.60	45.00
Specimens 5-6 ft. " "	75c to \$1.00	....	....	....

Stolonifera. (Red Osier Dogwood). May. Spreading habit; dark red bark and white berries. A very hardy shrub. 2 to 3 ft., bushy, 45c; per 100, \$30.00. 3 by 4 ft., extra bushy 60c; per 100, \$45.00.

Stolonifera Aurea. (Golden-twiggged Osier) A variety with golden yellow bark, very attractive. Planted in masses with the red-barked varieties, an effective and striking contrast may be secured. It is perfectly hardy. 2 to 3 ft., 45c; 3 to 4 ft., 60c.

CRAB (Bechtel's Double Flowering) (A)

Most beautiful of all the flowering Crabs; hardy. Trees of medium size are covered in early spring with large, beautiful double fragrant flowers resembling small roses of a delicate pink. This is the ideal lawn tree for a small yard. 3 to 4 ft., extra fine, \$1.00; 4 to 5 ft., extra fine, \$1.75; 5 to 6 ft., specimens, \$3.00 to \$4.00; 6 ft specimens, \$8.00 to \$12.00.

(See also Malus Floribunda.)

CRATAEGUS (Hawthorn)

Crus Galli. (Cockspur Thorn.) (C.) A broad round-topped shrub or small tree with very spiny branches. The large clusters of white flowers are very showy, and contrast strikingly with the shining green leaves. The dull red fruits hang from the branches all winter. 2 to 3 ft., bushy, 60c per 100, \$15.00; 3 ft., bushy 75c.



EUONYMUS ALATUS (Burning Bush)

Send in your order as soon as you receive this Catalog. It will benefit you and please us.



FORSYTHIA (Golden Bell)



CLETHRA ALNIFOLIA



DEUTZIA—Pride of Rochester

CYDONIA (Pyrus)

Hardy shrubs with handsome flowers in early spring. They are invaluable for border or garden planting, and make beautiful informal or clipped hedges. The fragrant fruits are often used for making a tart, delicious jelly. They thrive in almost any well-drained soil.

Japonica. (Japan Quince.) (B.) A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in spring. Valuable for ornamental hedges. 1½ to 2 ft., bushy, 35c; per 100, \$25.00; 2 to 3 ft., extra bushy, 50c, per 100, \$40.00; 3 to 4 ft. bushy, 60c; 4 to 5 ft. Specimens, 75c.

—**Cardinalis** (B.) Beautiful brilliant Cardinal red. 2 to 3 ft. bushy, 60c.

—**Maulei.** A beautiful dwarf shrub bearing a profusion of bright orange-scarlet flowers. A very desirable hardy shrub. 12 to 18 in., 50c; 1½ to 2 ft., 60c.

—**Nivalis.** (Snow Pearl.) A handsome tree, with its silvery foliage and masses of white blossoms in spring. 12 to 18 in., 35c; 2 to 3 ft., bushy, 50c.

—**Rubra Grandiflora.** Deep crimson flowers, with very showy fruit, 1½ to 2 ft., 45c; 2 to 3 ft., 60c.

—**Simonii.** (Sand Pear.) A very ornamental rapid growing tree, with masses of white blossoms and deep green foliage. 1½ in. to 2 ft., bushy, 45c.

Umblicata. (B.) Flowers brilliant rosy red, succeeded by large showy fruit. One of the finest large shrubs. 1 to 1½ ft., 40c; 2 to 3 ft., bushy, 40c.

DESMODIUM PENDULIFLORUM (C)

A shrub-like plant which dies to the ground in winter, but comes up vigorously each spring. Bears attractive sprays of bright rose-colored flowers in September. 2-year, 40c; 3 year, 50c; 4 year, 65c.

DEUTZIA

We are indebted to Japan for this valuable genus of plants. Their hardiness, fine habit, luxuriant foliage and profusion of attractive flowers place them among the most beautiful and most popular of flowering shrubs. Flowers in June and through July and August. Of easy culture, thriving in almost any well-drained soil.

Crenata Rosea fl. pl. (B.) Very similar to Crenata fl. pl., but very showy, with its outer petals a handsome rosy purple. 3 to 4 ft., 50c; 4 to 5 ft., extra bushy, 65c.

Crenata Fortunei. (B.) One of the best of the Deutzias, the flowers being larger than in many of the others. 1½ to 2 ft., 35c.

Gracilis. (C.) A low-growing shrub with slender graceful branches of pure white flowers, free flowering and very sweetly scented. 12 to 15 ins., 30c; 2 ft. specimens, 50c.

Lemoinei. (B.) A hybrid of the well-known Deutzia Gracilis with Deutzia Parviflora. Flowers pure white, borne on stout branches, upright growth. 2 to 3 ft., 60c.

Pride of Rochester. (B.) A variety of Deutzia Crenata Flore Pleno, and producing large double white flowers; back of the petals slightly tinted with rose. It excels all the older sorts in size of flower, length of panicle, profuseness of bloom and vigorous habit; blooms nearly a week earlier. 1½ to 2 ft., 35c; 3 to 4 ft. bushy, 50c; 4 to 5 ft. Specimens, 60c.

DIERVILLA. See Weigelia.

DOGWOOD. See Cornus.

ELDER. See Sambucus.

ELEAGNUS (Silver Thorn)

Hardy shrubs with handsome foliage and showy fruits. The young branches and leaves are covered with silvery or brownish scales, which impart a singular lustre and aspect. They thrive in almost any well-drained soil, preferring sunny situations.

Angustifolia. (Russian Olive.) (B.) A large shrub with silvery, often spiny branches. Leaves light green above, silvery white beneath, lanceolate. 2 to 3 inches long. Flowers yellow within, silvery on the outside, fragrant. Berries yellow, coated with silvery scales. 1½ to 2 ft., 35c; 2 to 3 ft., 45c; 3 to 4 ft., 55c.

EUONYMUS (Strawberry or Burning Bush)

Hardy shrubs with showy fruits, noted for the intense coloring of the fall foliage. They are well adapted for specimen plants or for massing in the shrub borders. They require moist, loamy soil.

Alatus. (Winged Burning Bush.) (B.) Dwarf, compact habit. Wood corky; leaves small; fruit red; very beautiful in autumn, when the foliage turns bright red. One of the prettiest of shrubs for specimens on the lawn. 3 to 4 ft., \$1.50; 4 to 5 ft., extra bushy, \$2.00; 5 to 6 ft. Specimens, \$5.00 to \$6.00; 6 to 7 ft. Specimens, \$6.00 to \$7.00.

Europaeus. (European Spindle Tree.) A tall, erect shrub or low tree, usually 10 to 15 ft. high. Flowers yellow. Rose-colored fruit. 1½ to 2 ft., 35c; 2 to 3 ft., 50c; 3 to 4 ft., 60c; 4 to 5 ft., 75c; 5 to 6 ft., 90c; 6 to 7 ft. Specimens, \$1.00.

Radicans. An evergreen shrub of a climbing or trailing habit. Valuable for covering fences or trailing against walls with Northern aspect. Also looks well on embankments or climbing over rock work. (Plant in Spring.)

EXOCHORDA GRANDIFLORA (Pearl Bush) (A)

A vigorous-growing shrub, forming a neat compact bush. Pure white flowers borne on slender racemes, on light and wiry branches that bend beneath their load of bloom. Hardy. May. 1½ to 2 ft., 35c; 2 to 3 ft. bushy, 50c; 3 to 4 ft., 60c.

FORSYTHIA (Golden Bell)

These are pretty shrubs of medium size. All natives of China and Japan. The flowers are drooping, golden yellow, and appear very early in spring before the leaves. The best very early flowering shrubs. Admired by thousands in Chicago parks. They should be planted where they will receive the full benefit of early spring sunshine.

Fortunei. (Fortune's Forsythia.) (B.) A tall shrub with slender arching branches, of garden origin. Leaves, simple or three-parted, dark green and lustrous. Flowers golden yellow, borne in great profusion. Grows 8 to 10 feet high. Very floriferous. 1½ to 2 ft., 35c; 3 to 4 ft., 50c; 6 ft. Specimens, 75c.

Intermedia. Flowers bright yellow, glossy green foliage. 1½ to 2 ft., extra bushy, 35c; 2 to 3 ft., extra bushy, 50c; 3 to 4 ft., extra bushy, 60c.

Suspensa. (The Weeping Forsythia.) (B.) A graceful shrub with long and slender drooping branches. Native of China. Leaves dark green and lustrous, persisting until frost. Flowers in great profusion, golden yellow, very showy. Grows about 8 feet tall. One of the showiest shrubs in cultivation. Can be used as a climber. 1½ to 2 ft., 35c; 3 to 4 ft. extra bushy, 60c.

Viridissima. (B.) A very pretty shrub of medium height; perfectly hardy in this country. The plant is covered with drooping yellow flowers, blooming very early in spring. 4 to 5 ft., bushy, 50c.

GUELDER ROSE. See Viburnum Sterilis.

HAMAMELIS VIRGINICA (Witch Hazel) (B)

A hardy shrub with singular bright yellow flowers in late autumn, often after the leaves have been killed by frost. Thrives best in moist, loamy soil, either in full sun or partial shade. 2 to 3 ft., 50c.

HIPPOPHAEA RHAMNOIDES (Sea Buckthorn) (B)

A large shrub with spine-tipped branches. Flowers yellowish, produced in short clusters in spring. Berries orange or bright orange-red, maturing in early autumn; 2 to 3 ft., 40c.

"Planting Suggestions" is the title of a small pamphlet published by us, in which will be found selections of the best and most suitable trees for various purposes and aspects, and the flowering periods of many beautiful Flowering Shrubs, hardy around Chicago. Full planting instructions are also given. It is free on request.



HYDRANGEA PANICULATA

HYDRANGEAS**ARBORESCENS GRANDIFLORA "SNOWBALL" (New) (C)**

This new American Hydrangea was found growing wild some years ago in the woods of Ohio and is one of the most beautiful hardy flowering shrubs. Its greatest value, aside from its beauty, is that it comes into bloom just after the flowering time of the Lilacs, Syringas, Viburnum and spring-flowering Spiraeas and continues on into August. The panicle is more like a Snowball in form and size than Paniculata Grandiflora (hence the name), and is a pure white. It thrives well in various soils but requires shade. 2-yr., extra bushy, 40c; 3-yr., extra bushy, 45c; 4-yr., extra bushy, 60c; 4 year Specimens, 75c.

Cinerea Sterilis. (Hills of Snow.) Very similar to the preceding, but leaves are silvery white underneath. Very hardy, 2 year, 35c; 3 year, 45c; 4 year, 60c; 4 year specimens, 75c.

HYDRANGEA PANICULATA GRANDIFLORA (A)

Tens of thousands of this noble summer and autumn-flowering shrub have been sold the past few years, and the demand is now universal. They grow to a height of 8 to 10 feet, and are absolutely hardy, grow in any soil and bloom the same year they are set out. They flower abundantly, bearing immense panicles of bloom a foot long, white at first, turning to rose in autumn, commencing to bloom in August, when very few shrubs are in bloom. An annual shortening of branches tends to increase the size of the flowers.

	Each	Three	Doz.		Each	Three	Doz.
2-year, heavy	35c	\$1.00	\$3.50	4-year	60c	\$1.70	\$6.00
3-year	45c	1.25	4.50	4-year Specimens	75c	2.15	7.00

(Tree Form) (A)

These plants have a clear stem, about 3 feet long, with a bushy top, making a grand show when in flower. Extra selected, 3 ft. stem, each, 75c. Specimens 3 ft., \$1.00.

LIGUSTRUM (Privet)

These are extensively used for hedges and screens and are also planted among other shrubs for the beauty of their flowers and berries. They are hardy and vigorous, thriving in almost any fertile soil and stand clipping.

Amurensis. (Amoor Privet.) (B) A large shrub with upright branches. Leaves dark green and lustrous, tardily deciduous, or in the South nearly evergreen. Flowers white, in erect panicles. Splendid for hedges. Very similar to the California Privet so universally used for hedging in the east, but unlike it here in that the Amur is hardy.

Height	Each	Three	Doz.	100
1½ to 2 ft.	.25	.65	\$2.40	\$15.00
2 to 3 ft., bushy	.30	.80	3.00	20.00
3 to 4 ft., extra bushy	.40	1.10	4.20	28.00
4 ft. Specimens	.50	1.40	5.00	

Ciliatum. Small Japanese shrub with pointed elliptical leaves, white flowers followed by black berries the size of a pea, 12 to 18 in., extra bushy, 20c; 2 to 3 ft. extra bushy, 35c; 3 to 4 ft. extra bushy, 50c.

Ibota. (Chinese Privet.) (B) A valuable hardy Privet for the western and northern states. It is almost evergreen and grows freely in all soils. Compact and regular in form, and bears shearing to any extent. Flowers white and fragrant; leaves long and shiny. A charming shrub for hedges or specimens.

Height	Each	Three	Doz.	100
12 to 18 in.	\$0.20	\$0.50	\$1.80	\$12.00
18 to 24 in.	.25	.65	2.40	15.00
2 to 3 ft., bushy	.35	1.00	3.60	20.00
3 to 4 ft., bushy	.40	1.10	4.00	25.00
4 ft. Specimens	.75			

Regelianum. (Prostrate Privet.) (B) This beautiful graceful Privet is absolutely hardy and most desirable in every way. It is a dense shrub with stiff, twiggy, horizontal spreading branches, drooping at the ends. An excellent shrub for specimens, mass planting or hedges. It forms a graceful, symmetrical bush, sufficiently dense for hedge purposes without trimming. Effective when massed. 1 to 1½ ft., 30c; 3 to 4 ft., 40c.

Vulgaris. (European Privet.) (B) Very useful for hedges; can be clipped any shape. Grown as a single specimen it produces panicles of white flowers in June. The foliage is of a lighter green than the other sorts. Its black berries remain on the bush all winter, and are quite ornamental.

Height	Each	Three	Doz.	100
12 to 18 in.	\$0.20	\$0.50	\$1.80	\$10.00
2 to 3 ft.	.25	.65	2.40	16.00
3 to 4 ft.	.35	1.00	3.60	25.00

LILAC (True Syringa) (B)

Alba Grandiflora. Flowers pure white and very fragrant. Strong bushes. 2 to 3 ft., each, 40c; per 100, \$30.00; 3 to 4 ft., each, 45c; per 100, \$35.00; 4 to 5 ft., each, 55c; per 100, \$45.00; 5 to 6 ft., 75c; 6 ft. Specimens, \$1.00.

Alphonse Lavalle. A variety bearing beautiful double flowers of a rare blue color. 2 to 3 ft., 40c; 3 to 4 ft., 60c.



PRIVET HEDGE

LILAC—Continued

Bertha Dammann. Magnificent pure white flowers, borne on large spikes. 1 to 1½ ft., 35c.

Charles X. A strong, rapid-growing variety, with large, shining leaves; trusses large, of a reddish purple color. Strong bushes. 1½ to 2 ft., each, 40c; 2 to 3 ft., extra bushy, each, 50c; 3 to 4 ft., extra bushy, 60c; 4 to 5 ft., extra bushy, \$1.00.

Congo. Large spikes, with beautiful, dark red flowers. 2 to 3 ft., 60c.

Crampel. Large trusses and flowers of pale lavender blue. 2 to 3 ft., 60c.

Dr. Bretschneider. 2 to 3 ft., 60c.

Emodi. Of compact growth with beautiful, large, leathery leaves, flowers light lilac, bloom in June. 2 to 3 ft., 60c.

Japonica. June. A tree form, with glossy, leathery leaves. It is quite hardy, and the yellowish white flowers come after other lilacs are through blooming. 1½ to 2 ft., 30c; 2 to 3 ft., 45c; 4 to 5 ft., 60c; 6 ft. specimens, \$1.00; 7 to 8 ft. Specimens, \$1.50.

Josikaea. (Hungarian Lilac.) Has dark lilac-colored flowers. It blooms the first week in June. It is distinct and valuable. 2 to 3 ft., 50c.

Mad. Lemoine. Double pure white flowers, borne in large clusters. Strong bushes. 2 to 3 ft., 45c; 4 to 5 ft., 65c; 5 to 6 ft., \$1.00.

Marie Legraye. Large panicles of white flowers. Valuable for forcing. The finest white Lilac. 2 to 3 ft., 45c; 3 to 4 ft., extra bushy, 60c; 4 to 5 ft., 75c.

Michel Buchner. Dwarf plant, vigorous. Double flowers of pale lilac color. 2 to 3 ft., 45c; 3 to 4 ft., bushy, 55c; 4 to 5 ft., bushy, 75c; 5 to 6 ft. Specimens, \$1.00.

Othello. Single, dark purplish red, large graceful panicles, 2 to 3 ft., 60c.

President Grevy. Flowers double, large handsome soft blue trusses. 2 to 3 ft., 50c.

Persian Purple. Small glossy leaves that do not mildew. Sweet scented flowers. 2 to 3 ft., 45c; 3 to 4 ft., 60c.

Rothomagensis. (Rouen Lilac.) (M.) May. Has arching branches and large, loose, reddish purple flower-plumes that are variable in color. The narrow leaves differ from those of any other lilac. 1½ to 2 ft., 45c; 2 to 3 ft., bushy, 60c.

Rubra de Marley. The old-fashioned purple Lilac. Strong bushes. 2 to 3 ft., bushy, each, 40c; 3 to 4 ft., bushy, each, 50c; 4 to 5 ft., bushy, 75c; 5 to 6 ft. Specimens, \$1.00.

Souvenir de L. Spaeth. A distinct and most beautiful variety having immense trusses of deep purplish-red with compact flowers of enormous size. 2 to 3 ft., 60c; 4 to 5 ft., bushy, 75c.

Toussaint l'Ouverture. Single, very deep purple flowers, 2 to 3 ft., 60c.

Vulgaris. (Common Lilac.) Bluish-purple flowers. A standard variety. Always good.

Height	Each	Three	Doz.	100
2 to 3 ft.	\$0.35	\$1.00	\$3.60	\$28.00
3 to 4 ft.	.45	1.25	4.80	28.00
4 to 5 ft.	.60	1.70	6.00	40.00
5 to 6 ft.	.75			
6 ft., Specimens	1.00			

LILACS ON THEIR OWN ROOTS

These have a great advantage over the usually offered budded stock. They are much longer lived, improve in beauty each year, and they withstand our severest winters. The demand for them becomes greater each year.

We have been fortunate enough to procure the following varieties in good, strong stock, but regret to say that the supply is very limited, and strongly advise customers to order early.

All are fully described in the general list of varieties given above.

Charles X, Marie Legraye, Souv. de L. Spaeth. 2 to 3 ft., each, \$1.25.



LILAC, MARIE-LEGRAYE



PHILADELPHUS GRANDIFLORUS

LONICERA (Bush Honeysuckle)

Handsome upright shrubs, often with showy flowers and bright berries. They thrive in almost any fertile soil, and in most instances prefer sunny situations. Invaluable for border or mass planting. Other species are described under "Vines."

Alberti. A low shrub with slender graceful branches. Leaves narrow, glaucous, of bluish green, about an inch long. Flowers rosy pink, fragrant, in late spring or early summer. Berries very large, vinous-red, with a glaucous bloom. Height 1 to 2 feet. Well adapted for rock-gardens. 2 year, 35c.

Bella Albida. An abundance of white flowers, followed by scarlet fruit in great profusion that hang on a long while; fine. 1½ to 2 ft., 35c; 4 to 5 ft., bushy, 75c.

Bella Candida. A fine variety, producing fruit of red color in great profusion. 4 to 5 ft., 75c.

Morrowii. (Japanese Bush Honeysuckle) (B.) A strong, vigorous grower with wide spreading branches, with pure white flowers produced in May and June, followed by brilliant red berries; 1 to 1½ ft., 30c; 2 to 3 ft., 40c.

Tartarica (Tartarian Honeysuckle). A large shrub with numerous upright or spreading branches. Flowers white or pink, borne in great profusion in late spring. Fruit red or orange, ripening in summer and persisting until autumn. Height 8 to 10 ft.

Tartarica Alba (White Tartarian) (B.) 2 to 3 ft., 30c; 3 to 4 ft., 40c; 4 to 5 ft., 50c.

Tartarica Rosea (Pink Tartarian) (B.) 2 to 3 ft., 30c; 3 to 4 ft., 40c; 4 to 5 ft., 50c.

Virginalis Alba. White flowers, resembling T. Alba. 3 to 4 ft., 45c.

LYCIUM (Matrimony Vine)

An old-fashioned hardy shrub with a wealth of scarlet berries. It thrives in almost any fertile soil. The long branches may be trained over fences or trellises, but more effective results may be obtained by planting at the top of retaining walls or steep banks and allowing the graceful stems to fall over. 2 year, 25c; 3 year, 30c.

MAGNOLIA. Plant in Spring.

MAHONIA

Aquifolium (Holly-leaved Barberry or Oregon Grape). A handsome ornamental shrub with compound leaves, the 5 to 9 leaflets dark lustrous green, spiny toothed. In winter the foliage assumes a bronze or coppery hue. Flowers yellow, in dense clusters, appearing in spring. Berries blue or nearly black. Hardy throughout most of the country, but requires some protection in the colder sections. One of the most desirable of low growing shrubs. The plants we furnish are balled and burlapped and therefore sure to get an early start. 2 year, 50c; 3 year, 75c (balled and burlapped).

MALUS (Pyrus)

Arbutifolia (Choke-Berry). Clusters of small white flowers in May succeeded in August by bright red berries, that remain until Winter. Bright crimson autumn foliage. 1 to 1½ ft., 35c; 1½ to 2 ft., 40c.

Coronaria (Wild Crab-Apple). A small tree or bush with spreading spiny branches. Leaves heart-shaped, bronze at the time of unfolding, turning yellow or bronze in autumn. Flowers very fragrant, pink, produced in clusters. Fruit yellow-green, fragrant. Frequently used for making preserves. 3 to 4 ft., 75c.

Floribunda (Flowering Crab). Single flower, beautiful carmine in bud; white when open. May. Fruit red, very ornamental in autumn. One of the most desirable of spring flowering shrubs. 3 to 4 ft., 75c; 4 to 5 ft., 85c.

Atrosanguinea. Flowers crimson, produced in great profusion. A charming variety. May. 3 to 4 ft., 75c; 4 to 5 ft., 85c.

Purpurea. Very handsome foliage bronzy purple at first, changing to bronze green. Covered with bright cherry red blossoms in spring. An exquisite all round shrub. 4 to 5 ft., 85c.

Schiedeckeri (Double-flowering Crab). Flowers double, bright rose, of great substance and durability. Splendid for cut-flowers. 3 to 4 ft., 75c.

Niedwetskiana. Handsome pinkish white flowers, grand variety. 4 to 5 ft., 85c.

Spectabilis Fl. Albo Pleno. Chinese Double White Flowered Crab. 3 to 4 ft., 75c.

Spectabilis Fl. Rosea Pleno. Chinese Double Rose Flowered Crab, nearly 2 inches in diameter. 2 to 3 ft., 50c.

MATRIMONY VINE—See Lycium.



PRUNUS TRILOBA



MALUS (PYRUS) ARBUTIFOLIA

MORUS (Mulberry)

Tartarica. (Russian) 20 to 25 ft. Hardier in the northwest than all others. 1 to 1½ ft., 25c; per 100, \$12.00; 1½ to 2 ft., 30c; per 100, \$15.00; 2 to 3 ft., 35c; per 100, \$25.00.

PHILADELPHUS OR SYRINGA (Mock Orange)

Indispensable well-known shrubs that are prized for their beautiful foliage and white flowers. The taller kinds flower profusely and nothing is finer in their season; while the dwarf varieties do not bloom so lavishly, they form pretty, compact bushes, useful for the front of shrubberies.

Avalanche (B.) New. The flowers are large, white, very sweet and produced in such profusion that their weight bends the long slender branches almost to the ground, producing a most wonderful effect as if the branches were loaded with new fallen snow. 2 to 3 ft., bushy, each, 40c; 3 ft., bushy, 50c.

Bouquet Blanc. Double or semi-double flowers; very floriferous. 2 to 3 ft. bushy, 40c; 3 to 4 ft. bushy, 50c.

Coronarius Aureus (Golden leaved Mock Orange). Much prized for its bright effect. 1 to 1½ ft., bushy, 40c.

Coronarius Fl. pl. (A). Covered with sweet scented double white flowers in June. 2 to 3 ft., bushy 35c.

Dianthiflorus Fl. Pl. (B.) A dwarf-growing variety, with double cream-colored fragrant flowers. 1½ to 2 ft., extra bushy, 60c.

Grandiflorus (A.) (Large-flowered Syringa or Mock Orange). Without a doubt one of the most popular shrubs grown, and ought to be in every garden, no matter how small. Flowers are pure white, very large and it is one of the freest flowering of the genus. 2 to 3 ft., bushy, 35c; 3 to 4 ft., bushy, 50c; 4 to 5 ft., bushy, 75c; 5 to 6 ft., bushy, \$1.00.

Lemoinei Erectus (B.) A charming variety of erect growth; creamy white fragrant flowers, smaller than the other varieties, but very attractive. Distinguished by its smaller leaves. 2 to 3 ft., bushy, 40c.

Manteau d'Hermine. Flowers double or semi-double, creamy white, covering the branches. Fine. Habit dwarf. 2 to 3 ft., bushy, 75c.

PRIVET. See Ligustrum.

PRUNUS (Plum)

Ornamental and Flowering Varieties.

BURBANK'S OTHELLO PLUM. (Purple-leaved Plum.) Introduced by us many years ago, having purchased the first and only tree from the originator, Luther Burbank.

It is an ornamental shrub of rare beauty, the growth is vigorous and upright. The white flowers appear early in spring before the leaves and literally cover the tree. The foliage is deep crimson purple, lighter on the under side of leaves, holds well into the fall, forming a grand contrast with the lighter tints of other shrubs. It is very similar to Prunus Pissardi, but much hardier.

Height	Each	Three	Doz.	100
4 to 5 ft.	\$0.75	\$2.15	\$ 8.00	\$60.00
5 to 6 ft.	1.00	2.90	11.00	.....
6 to 7 ft.	1.25	.....	.....	.....
7 to 8 ft.	1.50	.....	.....	.....
8 ft. Specimens	2.00	.....	.....	.....

Pissardi (A.) (Purple-leaved Plum.) A small tree or shrub. The young branches are a dark purple; the leaves, when young, are lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop, late in autumn. The tree is covered early in the spring with small, single white flowers, which appear before the leaves. Beautiful as lawn specimens, or grouped with other shrubs and trees for foliage effect. 4 to 5 ft., 75c.

Spinosa (Blackthorn.) White flowers borne on solitary peduncles before the leaves appear. A well known shrub with branches inclined to be spiny. Round black fruit, very acid. 5 to 6 ft., 60c; 6 ft. specimens, 75c.

Triloba (B.) (Double-flowered Plum.) Native of China. A very desirable addition to hardy shrubs; flowers double, of a delicate pink, upwards of an inch in diameter, thickly set on the long, slender branches; flowers in May before the leaves unfold. Tree form, 4 ft., \$2.00; specimens, (4 ft.) \$3.00.

PTELEA (Hop Tree)

Trifoliata. A large shrub or small tree of rapid growth and robust habit. Fruit winged, and in clusters, flowers in June. Succeeds well in the shade. 3 to 4 ft., 30c; per 100, \$25.00; 5 to 6 ft., 50c.

RHAMNUS (Buckthorn)

Hardy vigorous shrubs with handsome foliage and showy berries. The larger-growing species are well adapted and often used for hedges, both informal and clipped. They thrive in moist, loamy soils, and are not adverse to partial shade.

Catharticus (A.) A fine, robust shrub, with dark green foliage, white flowers and small black fruit. A popular hedge plant. 2 to 3 ft., each, 30c; per 100, \$22.00; 3 to 4 ft., each, 40c; 4 to 5 ft., 50c.

Frangula (Alder Buckthorn.) (B.) A valuable and decorative species of erect habit with glossy leaves and black berries. Its long black branches speckled with white are very attractive in winter. 6 to 7 ft., \$1.00; 8 ft. specimens, \$1.50.

Imeritina (B.) A variety remarkable for its foliage. The leaves are dark and sometimes reach a length of nine inches, assuming a rich bronze tint when full grown. 3 to 4 ft., 75c.

RHODOTYPOS (White Kerria)

Kerrioides (C.) A very ornamental Japanese shrub of medium size with handsome foliage and large single white flowers in the latter part of May, succeeded by numerous black berries. 2 to 3 ft., bushy, each, 40c; 3 to 4 ft., bushy, 50c; 4 to 5 ft. specimens 75c.

RHUS (Sumach)

Copallina (Dwarf or Shining Sumach.) (D.) Beautiful shining green foliage changing to rich crimson in autumn. Greenish yellow flowers in August. 2 to 3 ft., 60c.

Cotinus (Smoke Tree). A small tree or large shrub with obovate leaves. Flowers pale purple, borne in loose panicles, the pedicels of which soon lengthen and become plumose, lending the smoky aspect which gave to the plant its common name. A highly ornamental object. In autumn the foliage assumes brilliant tones of red and yellow. 2 to 3 ft., 30c; 3 to 4 ft., 50c; 4 to 5 ft., 75c; 5 to 6 ft., specimens, \$1.25.

Glabra (Smooth Sumach). A shrub or low tree with an open crown. Leaves compound, dark green above, whitened beneath, turning brilliant scarlet in autumn. Flowers in large terminal panicles, soon followed by the crimson fruiting clusters, which persist all winter. Beautiful for massive effects. 2 to 3 ft., 25c; 3 to 4 ft., 35c; 4 to 5 ft., 40c.

Glabra Laciniata (Cut-leaved Sumach). A very striking plant, of moderate size, with deeply cut leaves resembling rich fern leaves; dark green above and glaucous below, and turning to a rich red in autumn. 2 to 3 ft., each, 30c; 3 to 4 ft., each, 50c.

Typhina (Staghorn Sumach). A large shrub or tree, brilliant foliage and scarlet fruit in autumn. 2 to 3 ft., 25c; 8 to 10 ft., \$1.00.

Typhina Laciniata (Fern-leaved Staghorn Sumach). As its name indicates, the branches resemble the elk's horn while developing, and it is one of the most tropical-looking native shrubs we possess. The foliage is finely cut and as beautiful as a tree fern. A rare novelty originating in the White Mountains. Attains height of 20 ft., but is generally used as a shrub. It turns a golden yellow in the fall. 2 to 3 ft., 30c; 3 to 4 ft., 45c; 5 to 6 ft., 60c; 8 to 10 ft., 75c to \$1.00.

RIBES, OR FLOWERING CURRANT

Alpinum (B.) An attractive shrub with fragrant golden-yellow flowers and deep scarlet fruit. 1½ to 2 ft., 40c.

Aureum (Yellow-flowering, or Missouri Currant.) (B.) A native shrub with glabrous shining leaves and yellow sweet scented flowers in June. 2 to 3 ft., bushy, 35c; 3 to 4 ft., bushy, 40c; 5 to 6 ft., Specimens, 75c.

ROBINIA HISPIDA (Rose Acacia) (A)

A very handsome shrub. The branches closely resemble those of a Moss Rose. The leaves are similar to those of the Locust. In June and July long panicles of rose-colored flowers hang from the branches. 1½ to 2 ft., 50c.

ROSA (Rose)

Blanda. (Meadow Rose.) Pink flowers followed by red berries. Very ornamental in winter. 2 yr., 30c; 3 yr., 40c.

Carolina. Very similar to above. 2 yr., 30c; 3 yr., 40c.

Lucida. Single bright pink flowers, with bright red bark and berries in winter. 2 yr., 30c; 3 yr., 40c.

Rubiginosa. (True English Sweet Briar.) This is the true Eglantine. It is perfectly hardy, and once it is planted, little, if any, care is necessary. 2 year, 30c.

Rubrifolia. Valued for its beautiful reddish green foliage, as well as for its pink flowers in early June. 2-yr. 30c.

Rugosa Rubra. This red-flowered single Japanese rose is very valuable for shrubberies. Bright pink flowers in May, with large tomato-like berries in winter. 2 yr., 30c.

Setigera. (Prairie Rose.) Small single pink flowers and extra fine foliage, sometimes called the bramble leaved rose. 2 yr. 30c; 3 yr., 40c.



PUSSY WILLOW (Salix Discolor)

**RHUS COTINUS****SALIX (Willow)**

The Willows will grow anywhere, but do best in rich moist soil. They are particularly valuable as among the few trees that will endure the harsh winds of the sea coast.

Britzensis. (Golden Russian Willow.) Short trunk, dense growth of golden yellow branches; leaves silvery white. 1½ to 2 ft., 25c.

Discolor (Pussy Willow). A small tree with upright or ascending branches. Catkins appearing in early spring before the leaves appear. Very handsome in flower and greatly esteemed. 18 to 24 inch, 25c; 3 to 4 ft., 30c; 4 to 5 ft., 45c.

Osier. (Tying Willow). Very vigorous; red bark. This is the best willow for tying. 3 to 4 ft., 30c; 4 to 5 ft., 50c.

Viminalis. (Osier Willow, Basket Willow.) A large bush with slender, straight branches, often used for tying material. 3 to 4 ft., 30c; 4 to 5 ft., 45c.

SAMBUCUS (Elder)

Hardy vigorous-growing shrubs with showy flowers and a profusion of berries. They thrive best in moist loamy soils, and are well adapted for water-side and border planting.

Nigra Aurea. (A.) Golden-leaved. The golden foliage of this makes it in much demand. It makes a showy appearance when planted in shrub beds. 2 to 3 ft., 35c; 3 to 4 ft., 50c.

Nigra. (The Black Elder.) 3 to 4 ft., 50c.

Nigra Laciniata. (Cut-leaved Elder.) The foliage is deeply cut and incised, lending an airy fern-like aspect. Very attractive. 2 to 3 ft., 35c; 3 to 4 ft., 50c.

Racemosa. Attractive red berries in summer. 2 to 3 ft., 40c; 3 to 4 ft., 60c. 5-6 ft., Specimens, 75c.

SHAD BUSH. See Amelanchier.

SNOWBERRY. See Symphoricarpos.

SILVER THORN. See Eleagnus.

SWEET BRIAR. See Rosa Rubiginosa.

SMOKE TREE. See Rhus Cotinus.

SWEET SHRUB. See Calycanthus.

SNOWBALLS. See Viburnum.

SPIRAEA

A large group of showy, free-flowering, hardy shrubs. Some of the species bloom in early spring, others in midsummer, while some produce their flowers from summer until fall.

Anthony Waterer. (B.) Perpetual-blooming Red Spiraea. A fine, hardy perpetual-blooming shrub, very desirable for the lawn. Makes nice, round bushes 3 ft. high and wide; beginning to bloom in summer, continuing until fall. Rose red flowers in large, round clusters all over the bush. 1 to 1½ ft., 35c; 1½ ft., extra bushy, 50c.

Arguta Multiflora (Snow Garland). A remarkably floriferous and showy shrub. Leaves narrow, bright green, fading with tones of yellow and orange. Flowers pure white, borne in great profusion in early spring. Height 3 to 5 ft. One of the best of the early Spiraeas. 2 to 3 ft., extra bushy, 40c; 3 to 4 ft. extra bushy, 75c; 4 to 5 ft., Specimens, \$1.00.

Billardii. (B.) Pink flowers; blooms nearly all summer. It is a grand subject for planting in masses, and makes a good cut flower. 1½ to 2 ft., 35c 3 to 4 ft., 50c.

Bumalda. A bushy plant with good foliage and abundance of rose pink flat flower heads. Desirable as [an edging for] shrubberies. 1½ to 2 ft., 50c.



SPIRAEA BILLARDII



SNOWBERRY—See Symphoricarpos



SPIRAEA VAN HOUTTEI

SPIRAEA—Continued

Callosa Alba. (Fortune's Dwarf White Spiraea.) A white flowering variety, of dwarf, bushy, symmetrical form. Keeps in flower all summer. A valuable small shrub. 1½ to 2 ft. 50c.

Callosa Froebeli Variegata. A variegated leaved, free-flowering variety, flowers rose. 1½ to 2 ft. 50c.

Callosa Rubra. (Fortune's Spiraea.) (D.) Has large panicles of deep rosy blossoms, grows freely and blooms nearly all summer. 1½ to 2 ft. 50c.

Opulifolia. (Nine Bark.) A tall shrub with spreading branches, growing 8 to 10 ft. high. Flowers whitish, in early summer, disposed in numerous clusters. Especially valuable for shaded places. 3 to 4 ft. 50c; 4 to 5 ft. 75c.

Opulifolia aurea. (Golden-leaved Nine Bark.) (B.) An interesting variety with golden-yellow tinted foliage, and white flowers in June. Very conspicuous. 2 to 3 ft., 35c.

Prunifolia Fl. Pl. (Double Flowered Plum-leaved Spiraea.) A beautiful shrub from Japan, with pure white flowers like white daisies, in May. Keeps in flower a long time and justly merits to be placed in the front rank among flowering shrubs. 2 to 3 ft., 50c; 3 to 4 ft., 75c.

Sorbifolia. (B.) A vigorous species, with leaves like those of the Mountain Ash, and long, elegant spikes of white flowers in July, 2 to 3 ft., 40c.

Thunbergii. (Thunberg's Spiraea.) (B.) Of dwarf habit and rounded, graceful form; branches slender and somewhat drooping; foliage narrow and yellowish green; flowers small, white, appearing early in spring, being one of the first Spiraeas to flower. When in bloom the branches appear as if covered with drifted snow. 1½ to 2 ft., bushy, 30c; 2 to 3 ft., extra bushy, 50c; 3 ft. specimens, 75c.

Van Houttei (Bridal Wreath) This is without a doubt the most beautiful and useful of shrubs. Always effective if planted singly or in groups on the lawn, in front of the porch, in shrub borders or in a hedge. Handsome throughout the entire year. Our stock is very large and in splendid condition.

Height	Each	Three	Doz.	100
1 to 1½ ft.	\$0.25	\$0.65	\$2.40	\$15.00
1½ to 2 ft.	.35	1.00	3.60	20.00
2 to 3 ft.	.40	1.10	4.00	25.00
3 ft. bushes.	.50	1.40	5.40	30.00
3 to 4 ft.	.60	1.70	6.60	45.00
4 to 5 ft.	.75	.....	.....	.....

STEPHANANDRA FLEXUOSA (C)

A very hardy shrub, resembling the Spiraea; flowers white; blooms in July and August. One of the most desirable of the dwarf shrubs, with branches and leaves from the ground; neat and ornamental hedge plant. 18 to 24 in. Extra bushy, 35c.

SYMPHORICARPUS**(The Coral-Berry, Indian Currant and Snowberry)**

Small native shrubs much used in shaded places and in open masses. Grow in almost any soil; quite hardy; very ornamental, especially when covered with berries in fall and winter. Grow 3 to 6 ft. high; small leaves and slender branches.

Heyeri. (B.) Handsome shrub; blooms freely when small; flowers pretty pink in July and August; berries white. 2 to 3 ft., 30c.

Occidentalis. (B.) One of the prettiest of the Snowberries; growth strong and drooping; leaves large; flowers reddish white. 2 to 3 ft., extra bushy, 30c;

Racemosus. (Snowberry.) (B.) A graceful shrub, 3 to 5 ft. tall, with slender branches. Flowers white or pinkish, in loose racemes, in summer. Berries white, long persistent, produced in showy profuse clusters, the branches bending under their weight. 1½ to 2 ft., 30c; 2 to 3 ft., bushy, 35c.

Vulgaris. (Coral-Berry or Indian Currant.) (B.) A grand shrub, producing a wealth of red or purplish berries which remain on the branches all winter. Leaves ovate, bright green, persisting until early winter. Flowers greenish red, in summer. Berries coloring in early autumn, very showy. A capital companion to the Snowberry. 2½ to 3 ft., bushy, 30c; 3 to 4 ft., 35c.

TAMARIX (B)

Shrubs of strong but slender, upright growth; clothed in foliage as light and feathery as that of the asparagus.

Their delicate fringed flowers are usually some warm shade of pink or red and so are very ornamental at the back of shrubbery borders, and valuable for seaside planting

Amurensis. A splendid new hardy variety, with silky pink tassels; flowers all summer. 2 to 3 ft., 40c; 3 to 4 ft., each 50c.

Hispidula Aestivalis. A new variety of vigorous growth. In May the branches are covered half their length with numerous bright carmine-pink flowers. Blooms for a long time, 2 to 3 ft., 35c; 3 to 4 ft., 50c.

VIBURNUM**(The Arrow-woods, High Bush Cranberry and Snowballs)**

The Viburnums are one of the most useful shrubs, being very hardy and of good habit. They all have white flowers mostly on flat heads and with a few exceptions are noted for their handsome clusters of berries. The foliage frequently assumes brilliant and intense color tones in the autumn.

Carlesii. A dwarf compact shrub, bearing large corymbs of white blossoms, of a strong delicious fragrance. Very rare. 12 to 15 ins. \$1.00; 2 to 3 ft. ex. bushy, \$1.50

Dentatum. (B.) May and June. A free-flowering shrub, especially admired for the abundance of its scarlet fruits that cling to the branches a long time. 3 to 4 ft., extra bushy, each, 50c.; 4 to 5 ft., \$1.00.

Lantana. (Early white Lantana-leaved Viburnum.) (A.) Large, robust shrub, with soft, heavy leaves, and large clusters of white flowers in May, succeeded by red fruit; retains its foliage very late. 1½ to 2 ft., 35c; 2 to 3 ft., bushy, 40c; 3 to 4 ft., bushy, 50c; 4 to 5 ft., Specimens, \$1.00.

Molle. A variety similar to V. Dentatum, but differing from that variety by having larger foliage, is a more robust grower and flowers two to three weeks later. 2 to 3 ft., 40c.

Opulus. (High Bush Cranberry.) (A.) May. Spreading habit. Single white flowers borne in flat, imperfect clusters followed by clusters of red berries that cling to the leafless branches all winter. 2 to 3 ft., bushy, 40c; 3 to 4 ft., bushy, 50c; 4 to 5 ft. Specimens, \$1.00 to \$1.50.

Plicatum. (Japanese Snowball.) The old-fashioned Snowball is one of the most valuable of our hardy shrubs. It forms an erect, compact bush, 6 to 8 feet high. It blossoms in early June, being covered with large balls of flowers as white as snow. 2 to 3 feet, bushy, 35c; 3 to 4 feet, bushy, 50c.

Pyrifolium. (Pear-Leaved V.) Flowers white and fragrant, blooming about two weeks later than other varieties. 2 to 3 ft., 40c; 3 to 4 ft., bushy, 60c.

Sterilis. (Old Fashioned Snowball.) Too well known to require description. 2 to 3 ft., bushy, each 35c; 3 to 4 ft., bushy, 50c; 4 to 5 ft., 75c; 5 to 6 ft., Specimens, \$1.50.

Tomentosum. (B.) The single form of the beautiful Japan Snowball; flowers pure white, in great profusion early in June. Perfectly hardy vigorous and free-blooming; very desirable. 2 to 3 feet, 50c.

WEIGELIA (Diervilla) (B)

These shrubs bloom after the lilacs, in June and July. They make a strong growth, erect when young, gradually spreading and drooping into most graceful shapes with age. Their large flowers are of wide trumpet-shape, colors from white to red, and borne in clusters thickly along the branches.

Amabilis. Of robust habit. Large foliage and pink flowers. Blooms freely in the autumn. Distinct and beautiful. 1½ to 2 ft. 35c; 2 to 3 ft., 50.

Candida. White Weigelia, flowering throughout the summer. 2 to 3 ft., 35c.

Eva Rathke. A charming new Weigelia. Flowers brilliant crimson; flowering throughout the summer. The best of all Weigelias. 2 to 3 feet, 35c; 3 to 4 feet, 40c

Floribunda. Fine variety, flowers dark red. Profuse bloomer, 2 to 3 ft., 40c; 3 to 4 ft., 60c.

Nana Variegata. (C.) One of the most conspicuous shrubs; leaves beautifully margined, creamy white; flowers pink. A dwarf grower and admirably adapted to small lawns or gardens. 2 to 3 ft. 60c.

Rosea. A beautiful shrub, with rose-colored flowers. 2 to 3 ft. 35c.

Sessilifolia. A native shrub 3 to 4 feet high, of somewhat spreading growth bearing terminal, loose heads of yellow flowers in July, continuing for some weeks. 2 to 3 feet, 40c.

Sieboldi Variegata. (Variegated-Leaved Weigelia.) One of the handsomest variegated-leaved dwarf shrubs grown. The foliage is edged with silvery white. Flowers, pink, June. 2 to 3 ft., 50c.

WILLOW. See Salix, **WITCH HAZEL.** See Hamamelis.



VIBURNUM PLICATUM



A WINDBREAK OF HARDY CONIFERS. BLUE SPRUCE IN THE FOREGROUND

Hardy Coniferous Evergreens

Evergreens include some of the most beautiful trees in cultivation and varieties may be selected which are adapted to almost any soil or climate. We are giving attention to the propagation and culture of perfectly hardy species and varieties which are the most useful to the general planter and the list offered below comprises those most in demand as individual specimens and for windbreaks. As individual specimens for lawn planting it is difficult to imagine anything more stately and beautiful. As screens against objectionable objects and for windbreaks and hedges nothing is to be had which will give as thick and dense foliage during the entire season.

They are especially beautiful while all other ornamentals are bare during our

desolate winters. A remarkable contrast may be had by planting in informal masses to form a background for the showy flowers of spring blooming shrubs. Even the beauty of the twigs and branches of small trees and bushes is enhanced by such a planting.

All of our evergreens are transplanted every two years and to insure against loss in handling, each will be lifted with a ball of earth and the roots wrapped in burlap.

To be successful, transplanting should be done at a time when the trees are dormant. This permits of planting during September or in the early spring, April or May.

ABIES (Firs)

Balsamea. (Balsam Fir.) A very erect, pyramidal tree, with dark green foliage; very hardy. 4 ft. \$4.00; 5 ft. \$5.00 each.
Brachyphylla. (Nikko Fir.) A fine hardy fir, of open habit and rapid growth. Fine for groups or specimens on lawns, etc. 18 in. \$1.50 each; 2 ft. \$2.00 each.
Douglasii (Douglas' Fir.) A fine rapid growing fir for extensive planting, windbreaks etc., or as individual specimens. A most valuable timber tree. 1½ to 2 ft. 35c each.

JUNIPERUS (Junipers and Cedars)

Canadensis. (Canadian Juniper.) Of low spreading irregular form with foliage of light green. Valuable for rockeries and slopes. 3 ft. \$3.50.
Communis Hibernica. (Irish Juniper.) Now becoming one of best-known and most popular forms of our common Juniper; of uniform rapid growth, requiring but little trimming. 1 ft. 75c each; 2 ft. \$1.50; 3 ft. \$2.50.
Communis Neoboriensis. Forms a distinct pyramidal tree 10 to 12 feet in height, of a decidedly fastigate habit. The branches are densely clothed with rich very glaucous foliage. It is one of the handsomest of the Junipers for formal work. 2 ft., \$1.75 each.
Communis Suecica (Swedish Juniper.) More hardy than the Irish Juniper although not so rapid in growth. A beautiful pyramidal form with foliage of a yellowish green. 2 ft., \$2.00 each; 2½ ft. \$2.50.
Japanica Foliage beautiful glaucous green, regularly interspersed with branchlets of a pure white. A distinct, rare and beautiful variety. 1 ft. \$1.00.
Pfitzeriana. One of the best Junipers. Makes rapid growth. Boughs are of a thick, rich green and inclined to droop, making it one of the most desirable as a specimen plant or excellent for rock gardens where perpetual green is desired. It attains a height of about 12 ft. 1 ft., \$1.00 each; 2 ft. \$2.25 each; 2½ ft. \$3.00; 3 ft. \$4.00 each; 4 ft. \$5.00; 5 ft. \$10.00 to \$12.00 each; 5½ ft. Specimens, \$12.00 to \$15.00 each; 6 ft. Specimens, \$20.00 to \$30.00 each.
Procumbens (Trailing Juniper.) Prostrate creeping habit. Fine for growing over rocks and dry banks. 1 ft., \$2.25.
Sabina (Cedar or Savin.) A dwarf spreading evergreen with trailing branches suitable for rock work. 2 ft. \$1.50; 3 ft. \$4.00—\$6.00.
Sabina Tamariscifolia Gracilis. A good hardy variety of a trailing and spreading nature, with rich, thick green foliage, growing to the height of about 5 ft. Owing to its wide spreading qualities it is fine as a single specimen and excels as a border for plantings of taller evergreens. 15 in. by 18 ins. \$2.50 each; 2 ft. by 2½ ft. \$5.00 each.
Virginiana (Red Cedar.) A rapid, erect grower, with bright rich green foliage. Very ornamental. 3½ ft., Specimens, \$3.00.
Virginiana Elegantissima. A distinct and beautiful variety of the Red Cedar, with golden bronze foliage, particularly attractive in winter when the golden bronze of the young growth is contrasted with the dark green of the older. 2 ft. \$1.25 each; 2½ ft. \$2.50 each.
Virginiana Clauca (Blue Virginia Cedar.) A vigorous growing variety with foliage of silvery tinge, compact and conical in form. Makes a fine tree. 1½ ft., \$1.00 each; 2 ft. \$1.75 each; 3 ft. \$2.50 each; 3½ ft. \$3.50 each.
Virginiana Schottii. Best of all the green Junipers; fine pyramidal form with foliage of a peculiar bright green. 12 in. by 18 in. \$1.00 each; 2 ft. \$1.75 each; 2½ ft. \$2.25 each.

LARIX (Larch)

Europaea. (Common European Larch.) A hardy deciduous conifer, of rapid growth, with fine needle like leaves. A valuable timber tree, and fine for mixed plantations. 2½ to 3 ft. 60c each.

PICEA (Spruce)

Evergreen trees of pyramidal growth, very hardy and especially suited to Middle, Western and Northern States.

Excelsa (Norway Spruce.) A tall and beautiful tree, most widely grown of all the spruces, equally adaptable to planting as specimens on lawns, for shelter or windbreak. 1 ft. 35c each; 1 ft. to 1½ ft. 40c each; 4 ft. \$1.00 to \$1.50 each; 5 ft. \$2.00 each; 6 ft. \$3.00 each.

Excelsa Nigra (Black American Spruce.) A small or medium size tree, a native of Northern America, of great hardness and particularly useful for planting in the northern states. 2 to 3 ft. \$1.00 to \$1.50; 3½ ft. \$2.50 each.
Omorika (Servian Spruce.) A distinct and remarkably ornamental species of dense growth with narrow outline, having shiny leaves of dark green with white lines above. 2½ ft. \$2.25 each; 3 ft. \$3.00 each; 4 ft. \$3.50 each.

Pungens Glauca Kosteriana (Koster's Blue Spruce.) Notable variety from the Rocky Mountains and the most valuable conifer for ornamental planting. A rapid vigorous grower, with stiff, close branches and brilliant, rich silvery blue foliage. Perfectly hardy under all conditions. More in demand at the present time than any other conifer. The stock we offer is the "Compacta" type, which is far more regular, compact and dense than the ordinary Koster Spruce, besides being of the deepest steel-blue. Beware of seedlings offered at low prices; these are not as blue in color nor as symmetrical and regular in shape. Well-shaped trees, especially selected from our large stock.

The variation in these prices is due to the great variation in the individual specimens as to color, shape, symmetry and general appearance.

Height	Each	Height	Each
18 in.	\$1.50	4½ ft.	\$11.00 to \$12.00
2 to 2½ ft.	\$4.00 to 5.00	5 ft.	12.00 to 15.00
2½ to 3 ft.	6.00 to 7.00	5 to 6 ft.	15.00 to 20.00
3½ ft.	8.00	6 to 7 ft.	20.00 to 35.00
4 ft.	9.00 to 10.00	8 ft.	50.00 to 75.00

Pungens Pendula (Weeping Blue Spruce.) A rare and charming form of this popular hardy evergreen. 5½ to 6 ft. \$12.00 to \$15.00 each.

PINUS (Pines)

Austriaca (Austrian Pine.) A stately tree of pronounced type, growing regular shaped boughs, upward inclined, with rich foliage some 4 inches long and producing cones of a shiny brown color about 3 inches in length. It makes tall rapid growth and adapts itself well in many parts. Is splendid for shelter purposes or as specimens on lawns. 3 ft. \$2.00 each; 5 ft. \$3.50 each.
Montana (Swiss Mountain Pine.) An attractive vigorous growing dwarf pine of dense bright green foliage, especially adapted for rock plantings in small gardens. Ht. 18 in., diam. 18 in. \$1.50 to \$2.00; Ht. 2 ft. diam. 2 ft. \$3.50 to \$4.50.
Mughus (Dwarf Pine.) A low growing handsome evergreen with vivid colored leaves of a twisty nature and cones of a brown, grayish tinge. 1½ to 2 ft. \$1.00.
Strobus. (White Pine.) A very beautiful and graceful pine regular in form with horizontal boughs and dark green foliage, growing quite tall and surmounted by a symmetrically formed crown. 1 ft. 50c.

TAXUS (Yew)

Cuspidata (Japanese Yew.) One of the hardiest, of spreading habit, foliage light green. 2 ft., \$1.50 each.
Cuspidata Brevifolia. A form of the above with short dark, green leaves. A very handsome hardy variety; rare. 1½ ft. \$2.25 each; 2 ft. \$4.00 each; 2½ ft. \$5.00 each.

Hardy Coniferous Evergreens—Continued

TSUGA (Hemlock)

Canadensis. (Canadian Hemlock). A tall and graceful tree with drooping spreading branches of dark glossy green foliage. Indispensable for parks or landscapes. 1½ to 2 ft., \$1.00 each; 2 to 3 ft., \$1.50 each; 4 ft. Specimens \$4.00.

THUYA (Arborvitae)

Occidentalis. (American Arborvitae). A very pretty shapely tree of pyramidal form. Is a native of America and grows easily, attaining a height of some 20 ft. The foliage is a fresh vivid green, mellowing to a softer shade on the under side of leaf, turning in winter to a bronze. 10 in., 25c; 2½ ft., 75c; 3 ft., \$1.50; 4 ft., \$2.00; 5 ft. Specimens, \$3.00.

Occidentalis Rosenthallii. Hardy compact grower with dense foliage of dark green. 1½ ft. \$1.00; 2 ft., \$1.50; 2½ ft. \$1.75.

THUYA—Continued

Occidentalis Spiralis. Very hardy and upright compact growth. 2½ ft., \$2.75; 3 ft., \$3.50.

Occidentalis Warriana. The hardiest of American Arborvitae, although of somewhat slower growth; it has a most beautiful dense and symmetrical form with a rich dark green foliage. 2 to 2½ ft., \$1.25; 2½ to 3 ft., \$1.75.

Pyramidalis. Valuable and very hardy. Habit much like the Irish Juniper. 3 ft., \$2.00.

Thuyopsis Standishi. (Japanese Arborvitae). A beautiful and attractive species with short horizontal branches, and bright green foliage. This tree grows especially well in moist locations. 2 ft., \$1.25 each; 2½ ft., \$2.00; 3 ft., \$2.50.

Shade and Ornamental Trees



ALDER (Alnus)

Glutinosa. (European or Common Alder.) A remarkably rapid-growing tree, attaining a height of from thirty to sixty feet. Foliage roundish, wedge-shaped and wavy. 10 to 12 ft. 2 in. cal., \$2.00.

ASH (Fraxinus)

Americana. (American White Ash.) A fine tree that produces large clusters of greenish white flowers on the ends of the branches in June. A desirable shade tree for street or lawn planting. 10 to 12 ft., 2½ in. cal., \$2.50; 3 in. cal., \$3.00; 10 to 12 ft., 4 in. cal., \$4.00; 4½ in. cal., \$5.00.

Excelsior. (European Ash.) A lofty tree, of rapid growth, with spreading head and gray bark, pinnate leaves and black buds. It thrives in moist ground. 10 to 12 ft. 2½ in. cal., \$3.00; 3 in. cal., \$3.50; 10 to 12 ft., 4 in. cal., \$4.00.

Viridis. (Green Ash.) A beautiful tree with glossy green leaves and symmetrical habit, rapid growth. A splendid tree for street planting. 10 to 12 ft., \$2.00 each; 12 ft., \$1.50; 12 ft., 2 in. cal. each \$1.75; 12 ft. 2½ in. cal. \$2.50; 12 ft., 3 in. cal., \$3.00; 12 ft. 4 in. cal., \$4.00.

BIRCH (Betula)

Lenta. (Sweet Bark or Cherry Birch.) A native tree with dark brown bark and bronze-reddish twigs. Leaves somewhat heart-shaped. Thrives in low as well as high ground. 12 ft. 2 to 3 in. cal., \$4.00 each.

BOX ELDER (Ash Leaved Maple)

A rapid growing tree with wide spreading branches having bright green leaves, turning yellow in early autumn. 6 to 8 ft., \$1.25; 12 to 14 ft., \$4.00.

CATALPA

Bungei. (Umbrella Tree.) These beautiful globe-shaped tops being grafted high on clean straight stems form one of the most valuable trees for landscape designing, especially for formal effects. 5 ft. clear stem, \$2.00; 6 ft., \$2.50.

Kaempferi. (Japan Catalpa.) A species of rapid growth, with deep green, glossy foliage. Flowers fragrant, cream-colored, speckled with purple and yellow; seed pods long and very narrow; two weeks later than Syringaefolia. 12 to 14 ft., 2 to 2½ in. cal., \$3.00 each; 12 to 14 ft., 3 in. cal., \$4.00.

Speciosa. (Western Catalpa.) One of the most rapid growers, producing large panicles of fragrant white flowers delicately marked with violet and yellow. Reliable, hardy and extensively planted. 6 to 8 ft., 75c each; 10 to 12 ft., \$1.25; 10 to 12 ft. 2½ in. cal., \$2.50; 3 in. cal., \$3.00; 12 to 14 ft. 3½ in. cal., \$4.50; 4 in. cal., \$5.00 each.

Syringaefolia. (Common Catalpa.) Native of the Southern States. A showy rapid-growing, spreading, irregular tree, with very large, heart-shaped leaves, and pyramidal clusters of white and purple fragrant flowers. 12 to 14 ft. 3 in. cal., \$3.50.

CRAB. See *Malus Floribunda*.

CRATAEGUS (Hawthorn)

Carrieri. Hardy tree with spreading branches attaining height of about 20 ft. Pinkish flowers with red disc. Very ornamental. 8 ft., 2 in. cal., \$2.00 each.

ELM (Ulmus)

American. The ideal street tree. We offer shapely trees.

Height	Caliper	Each	100	Height	Caliper	Each
8 to 10 ft.	.....	\$0.75		12 to 14 ft.	4 in.	\$ 6.00 to \$10.00
10 to 12 ft.	1½ to 2 in.	2.00	\$185.00	12 to 14 ft.	5 in. cal.	12.00 to 15.00
10 to 12 ft.	2½ in.	2.60	225.00	12 to 14 ft.	6 in. cal.	18.00 to 22.00
10 to 12 ft.	3 in.	\$3.25, 4.00		14 to 16 ft.	7 in. cal.	22.00 to 30.00
12 to 14 ft.	3 in.	\$4.00 to 5.00		14 to 16 ft.	8 in. cal.	35.00 to 40.00

Write for prices on larger lots.

English Elm. (U. Campestris.) A large tree with spreading branches forming a round-topped crown. Leaves deep rich green, persisting and holding their color longer than any other species. Extensively planted as a shade tree in both lawns and avenues. 10 to 12 ft., 1½ in. cal., each \$2.75; per 100, \$225.00; 10 to 12 ft. 2 in. cal., \$3.50; per 100, \$300.00; 10 to 12 ft., 2½ in. cal., \$4.00. 12 to 14 ft. 2½ to 3 in. cal., \$5.00 each; 3 in. cal., \$5.50.

Scotch Elm. (U. Campestris Latifolia.) A very robust tree with large leaves. One of the best shade trees; highly colored until late autumn. 10 to 12 ft., 1½ in. cal., \$2.75; 10 to 12 ft., 2 in. cal., \$3.25; 10 to 12 ft., 2½ in. cal., \$4.00 each; per 100 \$300.00; 10 to 12 ft., 3 in. cal., \$5.00 to \$6.00.

Monumental Elm. (U. Campestris Monumentalis.) A slow growing variety forms a straight dense column reminding one of a Lombardy Poplar. Very distinct and beautiful. 8 to 10 ft., \$1.75; each; 12 ft., 2 to 2½ in. cal., \$3.50 each; 12 ft., 2½ in. cal., \$5.00 each.

Campestris Dampieri. Pyramids 10 ft. \$2.00 each.

Horizontalis. Similar to the Camperdown Elm, but the branches grow straight out from the main stem (hence the name), instead of growing down. 8 ft. clear stem, 6-year heads, \$15.00 to \$20.00 each.

Montana Var. Camperdown Pendula. (Camperdown Weeping Elm.) A very picturesque and graceful form with drooping branches; grafted high on straight stems. It is of rank growth, the shoots often making a zigzag growth outward and downward of several feet in a single season. 8-ft. stems, 4 to 6 year heads, \$12.00 to \$20.00 each.

Purpurea. (Purple-leaved.) A variety with large purple leaves in the spring, changing to dark green as season advances. 12 ft., 2½ in. cal., \$3.00 each; 3 in. cal., \$4.00; 14 ft. 3½ in. cal., \$5.00 each.

Huntingdon Elm. (Ulmus Vegeta.) Clean, smooth bark, erect, stately habit. Not as subject to attacks of insects as some kinds, and one of the very best ornamental trees for any purpose. 8 to 10 ft., \$1.50 each.

GINGKO BILOBA (Maidenhair Tree)

This tree is remarkable as a deciduous member of the Pine family, with leaves that resemble those of the Maidenhair Fern. Its value lies in the fact that it is immune from the ordinary attacks of insects and withstands so well the unnatural conditions of our cities. It is highly ornamental on lawns or public grounds. Of medium height, pyramidal in growth, sparsely branched, and of characteristic irregular outline. 6 to 8 ft., \$1.75 each; 8 to 10 ft. 2 in. cal., \$3.50 each; 10 to 12 ft. 2½ in. cal., \$5.00 to \$8.00 each.

JUDAS TREE (Red Bud)

It blooms in early spring. Its masses of small delicate rosy red flowers wreath the leafless branches so quickly as to give very fine contrasts and cheery spring effect. 5 to 6 ft., \$1.00 each; 6 to 7 ft., \$1.25 each.

Ornamental Trees—Continued

LINDEN (Tilia)

Americana. (American Linden.) A fast growing, upright, close-headed native tree with large leaves and fragrant flowers. Grows well in light soil. 8 to 10 ft., 2 in. cal., \$2.00 to \$3.00 each.

Crimean Linden. (T. Dasystyla.) A handsome tree with a pyramidal head. Leaves heart-shaped, dark lustrous green on the upper surface, pale beneath, turning yellow and brown in autumn. A distinct and valuable Linden. 10 ft., 2 in. cal., \$2.25 each; 12 ft., 2½ in. cal., \$3.00 each.

European Linden. (Tilia Vulgaris.) Develop into cymmetrical trees that are splendid for lawn, park or street planting. Thrive best in deep loamy soils. Bush form. 8 to 10 ft., 2 in. cal., \$2.50 each.

LOCUST (Robinia)

Pseud-acacia. (Black or Yellow Locust.) A native tree and valuable for its timber as well as ornamental. It is well known for its beauty when loaded with its racemes of creamy flowers in spring. 3 to 4 ft., 35c each; 5 to 6 ft., 45c; 8 to 10 ft., \$1.25; 10 to 12 ft., \$1.50.

Honey Locust (American.) (Gleditsia Triacanthus.) A tree of picturesque outline and rapid growth. Thrives on very light soils. Often used for hedges and wind-breaks. 2 to 3 ft., 35c; 3 to 4 ft., 45c; 8 to 10 ft., 2 in. cal., \$2.00.

MAPLE (Acer)

Silver Maple. (Dasycarpum.) A large tree with wide spreading branches and drooping branchlets. Very fast grower, makes dense shade and thrives in any soil. We offer especially fine trees for street planting with high set branches. 10 to 12 ft., \$1.75 each; 10 to 12 ft., 2½ in. cal., \$2.00 each; 10 to 12 ft., 3 in. cal., \$3.00 to \$4.00 each.

Wier's Cut-leaved Silver Maple. (Dasycarpum Wierii.) One of the most remarkable and beautiful trees with cut or dissected foliage. A rapid grower with long, slender drooping branches, often sweeping the ground. Foliage is abundant, silvery underneath and on the young wood, especially deeply and delicately cut. 8 to 10 ft., \$1.25; 10 to 12 ft., 2½ in. cal., \$3.00; 12 to 14 ft., 3 in. cal., \$5.00.

Norway Maple. (Platanoides.) A large, handsome tree, of spreading rounded form, with shiny, deep green foliage. Usually very symmetrical. Its compact habit and stout vigorous growth render it one of the most desirable species for the street, park or lawn. 8 to 10 ft., \$2.00; 10 to 12 ft., 2 in. cal., \$3.00; 12 ft., \$4.00 to \$5.00; 12 ft., 3 in. cal., \$6.00 to \$8.00; 4 in. cal., \$10.00 to \$12.00.

Geneva. A variety of the Norway from Geneva, N. Y. The foliage takes on a handsome purple tinge in July, retaining it until the leaves fall. 8 ft. 2 in. cal., \$4.00 each; 9 ft., 2½ in. cal., \$5.00.

JAPANESE MAPLE (Acer)

The Japanese Maples are becoming more and more popular each year as their many ornamental characteristics become better known.

Atropurpureum. (Blood-Leaved.) A most attractive, beautiful and ornamental dwarf tree, with deeply cut small thin leaves. Brilliantly colored through-out the season. 2 to 3 ft., \$1.25 each; 3 to 4 ft., \$2.50 each.



A BLOCK OF ENGLISH ELMS AT OUR NURSERIES



NORWAY MAPLE



LOMBARDY POPLAR

MOUNTAIN ASH (Sorbus)

European Mountain Ash. A small pretty tree with pinnate leaves, laden until winter with large clusters of red berries. Examine for borers in spring and autumn. 8 to 10 ft., \$1.00; 10 to 12 ft., 2 in. cal., \$1.75; 10 to 12 ft., 2½ in. cal., \$2.50; 12 to 14 ft., \$3.50.

Golden-Leaved Mountain Ash. A handsome variety, foliage bright yellow. Very effective. 12 ft., 2 to 2½ in. cal., \$2.00; 2½ to 3 in. cal., \$2.50.

Silver-Leaved. A beautiful tree. Should be planted in shade. 8 to 10 ft., 1½ to 2 in. cal., \$1.50 each.

MULBERRY (Morus)

Tartarica. (Russian.) Very hardy, vigorous grower, fruit of small size, varies in color from white to black. 10 to 12 ft., \$2.00 each.

PLANE (Platanus)

Plane Tree or Sycamore. (Occidentalis.) A large and lofty tree with massive branches forming a wide crown. Foliage a bright green, flowers and fruit pendulous, the latter about one inch in diameter. A rapid growing and beautiful tree with picturesque gray or white bark. Extensively used for street and park planting in cities where there is much smoke. 6 to 7 ft., \$1.25; 8 to 10 ft., \$1.50.

POPLAR (Populus)

Rapid-growing trees of great hardiness, extensively used for windbreaks, street trees and ornamental planting. They thrive in almost any soil, but attain their greatest proportions in moist rich loam.

Bolleana. A very compact upright grower, resembling the Lombardy Poplar, with leaves glossy green above and silvery beneath. 8 to 10 ft., \$1.50

Carolina Poplar. Of rapid growth. Very desirable when quick shade is wanted. 6 to 8 ft., 30c each; per 100, \$15.00; 8 to 10 ft., 1 to 1½ in. cal., 60c; 10 to 12 ft., 2 to 2½ in. cal., \$1.00 to \$1.50 each; 10 to 12 ft., 2½ to 3 in. cal., \$2.50 to \$3.00 each.

Lombardy Poplar. A tall columnar tree of picturesque and very formal aspect. One of the characteristic trees of Lombardy and other parts of Italy. Widely planted; a very rapid-growing and hardy tree. Leaves triangular, the borders serrate, dark green, borne on flattened petioles, moving freely in the wind. 6 to 8 ft., \$30c each; per 100, \$12.00; 8 to 10 ft., 1 to 1½ in. cal., 40c; 10 ft., 75c each.

Norway. Very similar to Carolina Poplar. 6 to 8 ft., 30c; 8 to 10 ft., 2 in. cal., 60c.

TREE OF HEAVEN (Ailanthus)

Tree of Heaven. (Glandulosa.) A lofty rapid-growing tree from China, with long elegant feathery foliage exempt from all diseases and insects. One of the most distinct ornamental trees with pinnate foliage. Flowers in large panicles followed by dense fruit clusters which are highly colored in autumn. Thoroughly hardy and has ability to withstand the smoke and gases of the city. 4 to 5 ft., 50c; 6 to 8 ft., 75c; 10 to 12 ft., \$3.00.

WALNUT (Juglans)

Nigra. (Black Walnut.) A native species of great size and majestic habit. Bark very dark and deeply furrowed. Foliage beautiful, each leaf being composed of from thirteen to seventeen leaflets. 6 to 8 ft., \$1.00.

Japonica. (Japan Walnut.) Hardy, rapid grower, bears young and abundantly; worthy of extensive planting. 4 to 5 ft., 50c.

Sieboldii. 2 to 3 ft., 50c each.

GENTLEMEN:

"You certainly have sent me a fine lot of shrubs, the finest I have ever seen for their age, and I am more than well pleased with them. They will make my home look 1000 per cent. better."

TOM WELTON, WAVERLY, NEB.

SMALL FRUITS

Pot-Grown Strawberries

Varieties marked (*) have imperfect flowers; they will not produce well unless every fourth or fifth row or plant is a perfect flowering variety, as all are not so marked. Thus planted the (*) sorts are the most productive.

August Luther. (Early.) This is an extra early berry of vlaue, medium size, bright in color, the shape tapering from an extreme fullness at the calyx. Will ripen ten days earlier than the Haverland, which it resembles in fruit and foliage. It can be successfully grown for marketing purposes or for family use, and it is a good shipper.

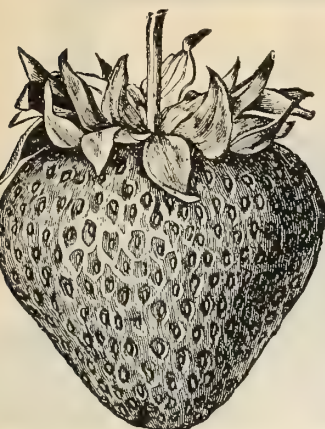
Brandywine. (Late.) Large, deep red fruit, and a fancy market product, thrives on almost any soil. Ripens with the medium late class. Flesh firm and red all the way through.

Clyde. (Early.) The berries are large, bright scarlet color with pink flesh of mild and pleasant flavor. A fine berry for home market.

Gandy. (Late.) This is one of the most reliable large late berries grown. The fruit ripens very late, is large, dark red.

Marshall. A well known variety of excellent quality. One of the richest flavored strawberries on the market.

SENATOR DUNLAP



Pride of Michigan. (Mid-season.) Fruit medium to large, of a dark glossy red color, firm and of good quality; a good producer.

Senator Dunlap. (Mid-season.) One of the best and most popular. It succeeds everywhere and with everybody, with the new beginner as well as with the veteran grower. The fruit is dark red with a glossy finish shading to a deep scarlet on the underside. The meat is bright red all through and is exceedingly juicy.

Sample. (*) (Late.) Good bearer, with large roundish berries of firm flesh, bright red color.

Uncle Jim. (Mid-season.) Dark crimson and showy. It is very prolific and long season.

Waldorf. (New.) The fruit is smooth, medium to large; color a bright scarlet; keeping qualities excellent. Exceedingly prolific.

Warfield. (Mid-season.) It has a large, beautiful, cone-shaped berry, with a fadeless dark red exterior; juicy and prolific.

Wm. Belt. (Mid-season.) A most luxuriant grower and remarkably productive. Very large glossy red berries of the very best flavor.

Price of above: Per doz., 50 cents; 50 for \$2.00; per 100, \$3.50, by Express.



POT-GROWN STRAWBERRY PLANT

Fall-Bearing Strawberries

Fall-bearing Strawberries seem to be no longer an experiment, they are becoming essential all over the country, and are making good every place they have been tested. If these varieties are disbudded, until say August 15th to September 1st, and allowed to fruit, they will give large quantities of ripe berries until checked by hard freezing. The two varieties we offer we consider the best.

Americus. This is the most wonderful everbearing Strawberry ever produced. Plants are strong, healthy and deep rooters. The fruit is medium to large in size, very firm; bright red, and has the native strawberry flavor.

Progressive. This is the strongest growing plant of all the fall-bearing varieties we have seen. The plants are very large and heavily rooted, producing a phenomenal crop of medium to large fruits, of a dark red color.

Price per doz. \$1.00; 25 for \$1.75; 50 for \$3.25; 100 for \$6.00.

Blackberries

Price, each 10c, per doz., 75c, per 100, \$3.00.

If to go by mail, add 10c per dozen, 35c per 100, for postage.

Eldorado. Vigorous and hardy. Berries large, jet black.

Snyder. enormously productive, medium size, sweet and juicy.

Stone's Hardy. Best variety for the north; fruit rich and melting.

Currants

(Except where noted) 2-year, each 20c; 3 for 55c; doz., \$2.00. 3-year, each, 30c; 3 for 85c; doz., \$3.00.

If to go by mail, add 3c each for 2-year, and 5c each for 3-year plants. The larger plants should be expressed.

Boskoop Giant. (Black.) This famous currant, of strong growth and free bearing quality, is in great demand, being especially adapted for preserving.

Cherry. The largest of all red currants; bunches, short.

Fay's Prolific. (Red.) The leading market variety. Extra large berries of uniform size, exceedingly productive. 2-year, 15c; 3 for 40c; doz., \$1.50; 3-year, 25c; 3 for 65c; doz., \$2.50.

Lee's Prolific. (Black.) The fruit varies from small to very large. The bush is rather short and dwarf. 2-year, 15c; 3 for 40c; 3-year, 25c.

North Star. (Red.) Bright in color; early and prolific. 2-year, 15c; 3 for 40c; doz., \$1.50.

Perfection. New. (Red.) Very large. A very productive variety with berries about as large as grapes; mild in flavor and free from sharpness. 2-year, each 35c, 3 for 90c; doz., \$3.50.

Red Dutch. The old well known red currant. Berries medium size, dark red. 2-year, 15c; 3 for 40c; doz., \$1.50; 3-year, 25c; 3 for 65c; doz., \$2.50.

White Grape. Very large; yellowish white and most productive of the white varieties; mild, sweet flavor. 2-year, 15c; 3 for 40c; 3-year, 25c; 3 for 65c; doz., \$2.50.

Raspberries

Price (except where noted), each, 10c; doz., 75c; per 100, \$3.00.

If to go by mail, add 10c per dozen, 50c per 100 for package.

"The Herbert Raspberry." (New.) A very strong grower, hardy and very productive. Fruit large to very large, conical, bright to rather deep red, moderately firm; sweet and sub-acid, juicy and of good flavor. The best Red Raspberry up to the present time. Per doz., \$1.00; 100, \$8.00.

Colossal. Truly colossal fruit; dark red berries; sub-acid flavor.

Columbian. Valuable and profitable. The fruit is cone-shaped, of dark red.

Gregg. Large Black Cap; heavy bearer.

Loudon. It is almost ever-bearing; fine deep, red fruit; large and prolific.

Kansas. The best of all Black Caps; berries large or larger than the Gregg.

Older. Of strong growth; fruit of a shiny coal black without bloom; rich, juicy.

Raspberries—Continued

St. Regis. (New Ever-Bearing Raspberry.) Gives raspberries for four months the first year planted. The berries are large and of very fine quality, rich and sugary, and keep longer after picking than any other red raspberry. They are of a bright crimson color, and firm, meaty substance. Awarded the highest certificate of merit by the American Institute of New York. Strong, transplanted canes, per doz., 75c; per 100, \$5.00.

Gooseberries

Price, 2-year plants, by express, each 25c; 3 for 65c; doz., \$2.50; 3-year plants, by express, each 35c; 3 for 85c; doz., \$3.50.

Downing. Largest of our native Gooseberries; pale green; very sweet.

Houghton. Well known, medium size, pale red, very productive.

Industry. The red fruit is of largest size, very early and sweet.

Red Jacket. It is the best Red Gooseberry in existence; has good foliage; mildew proof; yields well; smooth, bright red color and of excellent quality.

Grapes

Price (except where noted), 2-year, by express, each 20c; 3 for 55c; doz., \$2.00; 3-year extra heavy, by express, each 30c; 3 for 80c; doz., \$3.00.

Brighton. Dark red, bunches large; medium size, skin thin, flesh tender. Must be grown with other sorts, as it does not pollinize itself.

Campbell's Early. A grape in all respects better adapted to general use in all sections than any other which has yet been grown and tested. Large, nearly round, often an inch or more in diameter; black, with light purple bloom; skin thin; flavor rich and sweet. 2-year-old vines, by express, each, 30c; 3 for 80c; doz., \$3.00; 3-year-old, by express, each, 40c; 3 for \$1.10; doz., \$4.00.

Catawba. Bunches large and loose; berries large, of coppery red color, becoming purplish when well ripened.

Concord. Well known, reliable, deep purple.

Delaware. Bunches small, compact, shouldered; fruit small, round skin thin, light red; flesh very juicy.

Diamond. The leading early white grape. Bunch medium, variety large white with rich yellow tinge; juicy, almost free from pulp.

Niagara. Vine hardy; unusually strong grower; fruit light greenish white, slightly ambered in the sun; skin thin, tough; sweet to center.

Moore's Early. Bunch medium; berry large, round, black, with a heavy blue bloom; vine hardy and moderate prolific.

Worden. Black, handsome, compact bunch; ripens earlier than Concord.



VAUGHAN'S FRUIT TREES For Fall Planting

Fall Planting

Bear in Mind.—All the trees, shrubs, and fruit trees offered in this catalog are for fall planting, and the best results will be obtained by planting during October and November. By so doing they will have made new rootlets and got a "growing hold" in the ground before frost sets in (when all root action ceases) and will be prepared to receive the benefit of the earliest warm spring days, and start into growth without delay. Spring-transplanted stock has to lie dormant until new roots are formed for source of nourishment.

Pruning. It is very important that the root system and amount of branches balance. No matter how carefully the trees may be dug a portion of the roots are broken or cut off and the balance that exists is deranged. It is therefore necessary that the branches be pruned. Many people are not aware of this and will plant exactly as received from the nursery. A more fatal error could not be made. Prune the branches of fruit trees 5 to 7 ft. in height with 3 to 5 ft. clear stem back to within 3 or 4 buds of their base. Cut back all broken or bruised roots smoothly to sound wood.

We shall be glad to prune fruit and other trees ready for planting if requested. In that case, however, our customers cannot expect to receive trees that answer our specifications as to height, for the catalogue prices are for trees unpruned.

All specimen fruit trees will be pruned before shipping unless our customer expressly states that he does not wish this done.

A leaflet on PLANTING, MANURING and PRUNING fruit trees will be sent free to all applicants.

Spraying. Climatic and other conditions vary so greatly for different localities that we strongly advise our customers to obtain data on what, how and when to spray, and materials to use direct from their own State Experiment Station. All of them publish, for free distribution, complete bulletins on this subject and can supply the most reliable and definite information.

SUITABLE DISTANCES FOR PLANTING

Ft. apart each way		Ft. apart each way	
Apples, Standard.....	30 to 40	Raspberries.....	1 by 4
Pears and Cherries.....	20	Currants, Gooseberries.....	3 to 4
Plums.....	16 to 20	Blackberries.....	3 to 7
Peaches.....	16 to 18	Grapes.....	8 to 10
Quinces.....	10 to 12	Strawberries.....	1 by 3

Certificate of inspection, showing freedom of our stock from San Jose and other injurious insects and diseases, will be attached to all freight and express shipments.

When personal selection of stock is made by customers at our Nurseries, we always charge according to its value.

PRICES FOR 3 AND 12 OF A KIND

Each	Three	Dozen
\$0.35	\$1.00	\$3.50
.40	1.10	4.00
.45	1.25	4.50

Each	Three	Dozen	Each	Three	Dozen
\$0.50	\$1.40	\$5.00	\$.80	\$2.25	\$8.50
.65	1.85	6.50	.85	2.40	9.00
.75	2.15	8.00	1.00	2.90	11.00

Apples

Autumn Strawberry. Red stripes, very white flesh. Bears young. 4 to 5 ft. 35c; 5 to 6 ft., 50c; 6 to 7 ft., 65c.

Baldwin. Large roundish; deep bright red; juicy, crisp, sub-acid, good flavor; very productive of fair, handsome fruit. One of the most popular commercial varieties in northern states. Dec. to March. 4 to 5 ft., 35c; 5 to 6 ft., 50c; 6 to 7 ft., 65c.

Banana. Large clear yellow, fine quality. 4 to 5 ft., 35c; 5 to 6 ft., 50c.

Ben Davis. Large, handsome, striped, productive; a late keeper. Tree remarkably healthy and vigorous. A profitable, market sort. Dec. to March. 4 to 5 ft., 35c; 6 to 7 ft., 65c.

Black Ben Davis. Stronger, hardier, and a better drought resister than Ben Davis; fruit large, solid, deep dark red. A very heavy cropper, and splendid shipper. 4 to 5 ft., 35c; 5 to 6 ft., 50c.

Delicious. A remarkable variety introduced in the West several years ago where it is being largely planted and rapidly taking first rank. Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp, melting; very highest quality. Splendid keeper and shipper. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Duchess of Oldenburg. Tree a strong grower, young and abundant bearer. Fruit large, yellow streaked red, rich sub-acid flavor, juicy and good. Valuable in all sections for both market and home use. Early Sept. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Early Harvest. Medium to large; pale yellow; tender with a mild, fine flavor. An erect grower and a good bearer; excellent for orchard and garden; one of the first to ripen. Middle to end of August. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Gano. Large, roundish, dark brilliant red; flesh yellow, fine-grained, tender, pleasant, mild, sub-acid. A good shipper and late keeper. Tree a vigorous grower and very productive. Superior to Ben Davis, which it resembles. Feb. to March. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Grimes' Golden. Greatly prized as a hardy variety, producing annual crops. Medium, roundish oblate; rich golden yellow, with small dots; flesh yellow, juicy, tender, crisp, rich, sprightly sub-acid, with a fine aroma. Dec. to Feb. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Jonathan. Medium, pale yellow, nearly covered with brilliant stripes of lively red; flesh white, juicy, spicy, sub-acid, fine grained, rich. Tree a slender grower, very productive. An excellent fruit; favorite market variety. Nov. to April. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Maiden's Blush. Rather large, smooth, with a fine evenly shaded red cheek or blush, on a clear, pale yellow ground; flesh white, tender, sprightly with a pleasant, sub-acid flavor; bears large crops. Valuable market sort. Sept. and Oct. 4 to 5 ft., 40c; 5 to 6 ft., 60c; 6 to 8 ft., 75c.

McIntosh Red. Large; skin yellow, nearly covered with bright red; flesh white tender and juicy. Tree very hardy. Nov. to Feb. 4 to 5 ft., 50c; 5 to 6 ft., 60c.

Newton Pippin. Green Newton Pippin. Medium, roundish; dull green, with a blush on the sunny side; flesh greenish white, juicy, crisp with a fine aroma and delicious flavor. Slow grower; requires high cultivation. Dec. to May. 4 to 5 ft., 50c; 5 to 6 ft., 60c.

Northern Spy. Large, somewhat ribbed. Flesh white and tender, with a mild sub-acid, rich and delicious flavor. The tree should be kept open by pruning, so as to admit the air and light freely. Jan. to June. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Northwestern Greening. Yellow, smooth, rich, of good size, resembling Grimes' Golden in shape and color; good quality and an extra long keeper. Tree hardy, vigorous, abundant annual bearer. Does well in this vicinity Jan. to June. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Red Astrachan. Large, beautiful deep crimson, overspread with a thick bloom; juicy, rich, acid, productive. One of the best summer apples. August. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Rome Beauty. Large; yellow and bright red; handsome; medium quality, good bearer. Dec. to March. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Salome. Tree a strong grower; holds its fruit firmly; early and annual bearer; fruit of medium and uniform size; quality very good, which it retains even into summer. May and June. 4 to 5 ft., 35c; 5 to 6 ft., 50c; 6 to 7 ft., 65c.

Snow (Fameuse.) Medium size, roundish, handsome, deep crimson; flesh snowy white, tender, juicy, highly flavored and delicious. Productive and hardy. Nov. to Feb. 4 to 5 ft., 35c; 5 to 6 ft., 50c; 6 to 7 ft., 65c.

Spitzenburg. Large, oblong and tapering; skin smooth, bright red, with numerous russet dots; flesh yellow, crisp, juicy, with a brisk, rich flavor. A moderate bearer. Dec. to Feb. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Tolman's Sweet. Medium pale yellow, slightly tinged with red; firm, rich and very sweet; the most valuable baking apple; productive. Nov. to April 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Wagener. Medium to large, roundish oblate; yellow, shaded and marked with red, often full deep red; flesh yellowish, tender, aromatic, mild sub-acid. Nov. to Feb. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Walbridge. Medium, handsome, striped red; flesh crisp, tender, juicy. Tree vigorous grower. Especially desirable in cold sections for its hardness and productiveness. March to June. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 10 ft. Specimens \$2.00.

Walthy. Healthy, hardy and very productive. Medium, yellow, shaded with deep red in the sun, splashed and spotted in the shade. Flesh white, fine, tender, juicy, lively sub-acid; very good. One of the most desirable late fall and early winter varieties. Oct. to Jan. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Wine-Sap. Large, deep red, a good keeper; quality medium, a moderate grower and good bearer. Succeeds well in the west. Dec. to May. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c. 10 ft. Specimens, \$2.00.

Wolf River. A handsome apple, originating at Fremont, Wisconsin. Fruit large, greenish yellow, shaded with red or crimson; flesh white, half tender, juicy, pleasant, mild sub-acid, with a peculiarly spicy flavor. Jan. and Feb. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Yellow Transparent. One of the most desirable early apples in cultivation. Early bearer, frequently producing fine fruit on 2-year trees in nursery rows. Good grower and hardy, fruit pale yellow, good size and good quality; skin clear white at first, becoming a beautiful pale yellow when fully matured. Ripens before Early Harvest. July and Aug. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Vaughan's Choice Fruit Trees—Continued

Crab Apples

Early Strawberry. Greenish yellow, carmine stripes, good quality. 5 to 6 ft. 50c.
Florence. Youngest, most prolific bearer, striped and mottled, 4 to 5 ft., 35c;
 5 to 6 ft., 50c; 6 to 7 ft., 65c.
Hyslop. Large deep crimson; one of the most beautiful of crabs. October.
 4 to 5 ft., 35c; 5 to 6 ft., 50c; 6 to 7 ft., 65c; 8 to 10 specimens \$1.75.
Siberian. Large golden yellow; very popular. September. 5 to 6 ft., 50c;
 8 to 10 ft., specimens \$1.75.
Sweet Orange. Delicious to eat raw. Sweet with a flavor of orange. Fine for
 the home garden. 5 to 6 ft., 50c.
Transcendant. Immensely productive, bright red; one of the most popular.
 September and October. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 10 to 12 ft., spec. \$2.00.
Whitney. One of the largest, glossy green splashed carmine. Firm, juicy,
 pleasant, great bearer. August. 5 to 6 ft., 50c; 6 to 7 ft., 65c; 7 to 8 ft., 75c.

Pears

Bartlett. The most popular summer pear; large fruit of musky melting flavor.
 The tree is a vigorous grower, an early and abundant bearer. August and
 September. 4 to 5 ft., 60c; 5 to 6 ft., 75c.
Clapp's Favorite. Very large, yellow and dull red; very fine. August. 4 to 5
 ft., 60c; 5 to 6 ft., 75c.
Duchess. Grafted on Quince, on which it does best. A fall pear, large fruit,
 rich and juicy. A popular market variety. 4 to 5 ft., 60c; 5 to 6 ft., 75c.
Early Harvest. Early. Good size. 4 to 5 ft., 60c; 5 to 6 ft., 75c.
Flemish Beauty. Large, juicy, rich, one of the hardest. September and Oc-
 tober. 4 to 5 ft., 60c; 5 to 6 ft., 75c.
Kieffer. Good for preserving and canning; extra large; good bearer. October.
 5 to 6 ft., 75c; 6 to 7 ft., 85c; 10 to 12 ft. specimens, \$1.50 and \$2.00.
Koonce. Thoroughly tested for several years. Has produced good crops when
 all other varieties were killed by frost. Fruit medium to large, yellow with
 carmine cheek; quality good; ripens in time for the earliest market. July and
 August. 5 to 6 ft., 75c; 6 to 7 ft., 85c.
Seckel. Small, yellowish brown, red cheek; best to eat out of hand, or pickle.
 4 to 5 ft., 60c; 5 to 6 ft., 75c.

Cherries

Compass. (New). A cross between the Sand Cherry and Miner Plum. Very
 prolific, the fruit being large, bright red, sweet and juicy. On account of its
 hardiness, very desirable for Northern Sections, 4 to 5 ft., 75c.

Dyehouse. Largely planted for early market, ripening a week before Early
 Richmond. Early, annual bearer, productive, fine size, good quality. Acid.
 June. 4 to 5 ft., 50c; 5 to 6 ft., 60c.

Early Richmond. Medium size, dark red; melting, juicy, sprightly acid flavor.
 This is one of the most valuable and popular of the acid cherries, is unsurpassed
 for cooking purposes and exceedingly productive. June. 4 to 5 ft., 50c; 5 to 6 ft., 60c.

Montmorency. A popular market variety; good for all purposes. Vigorous
 grower, very productive. Fruit large, light red; ten days later than Early
 Richmond. Last June. 4 to 5 ft., 50c; 5 to 6 ft., 60c.

Windsor. Fruit large, liver-colored; flesh remarkably firm, sweet and of fine
 quality. Tree hardy and very prolific. Very valuable late sort. July.
 4 to 5 ft., 50c; 5 to 6 ft., 60c.

Wragg. Claimed to be much harder than English Morello, which it closely
 resembles. July. 4 to 5 ft., 50c; 5 to 6 ft., 60c.

**PEACHES—These should not be planted until spring. For varieties and
 prices see our 1916 Spring Catalog. Ready January 1.**

Plums

Abundance. This is the plum for you, if you try but one. Lemon yellow
 ground, nearly overspread with cherry; flesh yellow. August. 4 to 5 ft., 50c.

Burbank. The best and most profitable among growers for market. Tree
 hardy, sprawling, vigorous grower, unequalled in productiveness; fruit large,
 excellent quality, cherry red with lilac bloom. August. 4 to 5 ft., 50c.

De Soto. Very hardy, bright red. September. 4 to 5 ft., 50c.

Shropshire Damson. Of fine quality; flesh is amber-colored, juicy and spright-
 ly; seldom attacked by the curculio. 4 to 5 ft., 50c.

Stoddard. One of the largest of our native plums. Color is a light pinkish
 red, very handsome, with a tough, sweet skin. 5 to 6 ft., 50c.

Wolf. Very popular, large, immensely productive. August. 4 to 5 ft., 50c.

Quince

Meech. A vigorous grower and immensely productive. This fruit is large,
 lively orange yellow, of great beauty and delightful fragrance. Its cooking
 qualities are unsurpassed. 4 to 5 ft., 60c.

Orange. Large roundish fruit, with small neck; bright golden yellow. October
 3 to 4 ft., 50c.

**ENGLISH POT GROWN FIGS, GRAPE-VINES, NECTARINES PEACHES
 AND OTHER FRUIT TREES**

We import these on advance orders only, from one of the best and most reliable
 growers in England. Prices on application.

HARDY CLIMBING VINES

Especially Suited for Fall Planting

Climbing vines are as necessary to the comfort and beauty of a home, as the trees
 and shrubs planted around it. They are cheerful and cooling in climbing over bowers
 and summer houses, and wild and natural running over trees and stumps. They
 ramble over unsightly neglected places, and make them beautiful with fragrant brilliant
 flowers. The ones offered here are all perfectly hardy, and suitable for planting in the
 fall; require little attention afterwards, beyond training in the manner desired.

Akebia

A beautiful, hardy climbing vine. It often grows 15 ft. in a year and produces in
 early summer large clusters of fragrant rosy purple flowers resembling Forget-me-nots
 Large vines, 2 years old 35c.

Ampelopsis - Woodbines and Ivies

Hardy ornamental vines, climbing by tendrils. They are well adapted for arbors
 and trellises, and thrive in almost any moist, fertile soil.

Dumetorum Laciniata. A vigorous sort, leaves digitate and deeply cut. Plants, 2
 year old, each 35c; 3 year old, each, 50c, by express.

Elegantissima. A new small leaved climber of merit. Strong grower of clean habit
 with leaves turning a fine color in autumn. Strong 2 year old plants, each 35c; 3 year
 old 50c, express.

Engelmanni. (Engle-
 man's Ivy). One of
 the hardiest, best
 and quickest grow-
 ing climbers for
 the north and



AMPELOPSIS VEITCHII (Boston Ivy)



AMPELOPSIS ENGELMANNI

northwest. Quite similar to the Virginia Creeper but vastly
 superior to it, the foliage being cleaner, of greater substance and
 not turning yellow during the early fall, and almost perfectly free
 from insects. The leaves color up beautifully in the fall. 2 year
 old, 25c; 3 year, 35c; 4 year 40c.

Lowii. A beautiful new Ampelopsis with small palmate leaves, and
 of a delightfully graceful habit. It is perfectly hardy and clings
 closely, the apple-green foliage turning red, as does A. Veitchii
 as autumn advances. Plants from 4 inch pots, each 50c postpaid.

Quinquifolia. (Virginia Creeper or Woodbine). Luxuriant in
 growth, with handsome foliage turning to bright crimson in the
 fall. Very hardy vine for covering old tree trunks, walls or fences.
 Strong plants, 2 years, each 20c; doz., \$2.00. Extra strong, 3
 year, each 25c; doz., \$2.50; 4 year, 30c; doz., \$3.00, by express.

Climbing Vines—Continued

Ampelopsis Veitchii

Boston Ivy

The grandest hardy climbing vine in existence for covering houses, churches, schools, etc. Its glossy, ivy leaves overlap each other, and its long, delicate young shoots stretch up the walls with free and rapid growth. The tendrils at nearly every point cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in the autumn the most beautiful tints of scarlet and crimson. The handsomest vine possible for growth on brick walls.

PRICES

By Mail, Postpaid

1 yr., ea. 20c; 3 for \$0.50; doz., \$1.50
2 yr., ea. 25c; 3 for .65; doz., 2.50
3 yr., ea. 40c; 3 for 1.10; doz., 4.00

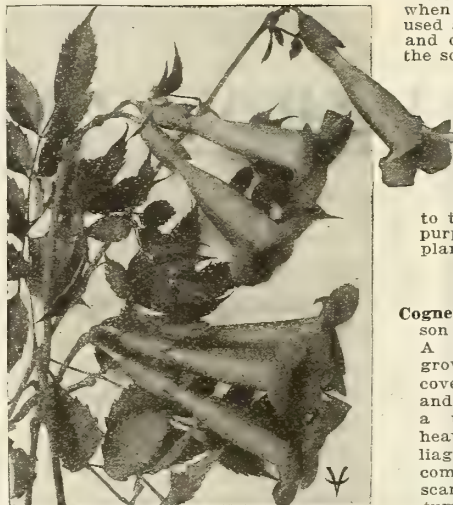
By Express, Not Prepaid

1 yr., ea. 15c; 3 for \$0.40; doz., \$1.25
2 yr., ea. 20c; 3 for .50; doz., 2.00
3 yr., ea. 35c; 3 for 1.00; doz., 3.75

3 year, extra selected, each, 60c; 3 for \$1.00; by express: 4 in. pot grown, each, 50c; doz., \$5.00; by express.

Bignonia

Radicans. (Trumpet Vine.) Dark red, orange throat, free blooming. Very hardy and rapid grower. Used for covering unsightly places, stumps, or where-



BIGNONIA RADICANS (Trumpet Vine)

CLEMATIS PANICULATA

ever a showy flowering vine is desired. 2 yr., 25c; 3 yr., 35c; by express.

Celastrus

Articulatus. (Japanese Bitter Sweet.) Vigorous climber with almost round, bright green leaves, and orange yellow capsules in the fall. This variety fruits earlier and more freely than *C. Scandens* and is one of the best vines to be had for a porch. 2 years, each, 25c; doz., \$2.50; 3 year, each, 35c; doz., \$3.50; 4 year, 50c; doz., \$5.00; (by express.)

Scandens. (Climbing Bitter Sweet.) A native climbing or twining plant, with handsome large leaves; yellow flowers in May and June and clusters of ornamental orange-capsuled fruit in autumn. One of the most desirable climbers for shade. 2 years (strong), 25c; per doz., 2.50; 3 year (strong), 35c; per doz., \$3.50; 4 year (extra strong), 50c; per doz., \$5.00; (by express.)

Clematis Paniculata

Japanese Clematis

The finest small flowered Clematis extant. A wonderfully rapid grower, quickly covering trellises, arbors, etc. The flowers are pure white, deliciously fragrant, and produced with the greatest freedom. It flowers in September, when few other vines are in bloom. This is the easiest to grow and most popular of all the small flowered vines. 2 year, each, 30c; per doz., \$3.00; (by express); 3 year, each, 50c; per doz., \$5.00; (by express.)

The large-flowered Clematises, and hybrids of *C. Cocinea* (including many new charming colors), are best planted in Spring, and will be offered in our 1916 Spring catalog.

Euonymus Radicans

An evergreen shrub of a climbing or trailing habit. Valuable for covering fences or training against walls with Northern aspect. Also looks well on embankments or climbing over rock work. 2 year, each, 35c; per doz., \$3.50; (by express.)

Humulus - Hop Vine

Lupulus. (Common Hop.) A useful climber for covering unsightly places, as it is a rapid grower and bears a profusion of seed pods suitable for many domestic purposes. 2 year, 25c; per doz., \$2.50.

Special Purpose Climbers

Climbers for Shady Places, *Aristolochia Sipho*, *Celastrus*, Wild Grape Vine, *Apios Tuberosa*, Hop Vine, *Akebia* Vine, Honeysuckles.

Climbers for Hot Sunny Situation, *Bignonia Radicans*, *Clematis Paniculata*, Honeysuckles.

Climbers for North Aspect, Clematis, all large flowering types such as *C. Jackmanii*, *Henryi*, etc., *Ampelopsis Veitchii* (Boston Ivy).

Climbers for Eastern Aspect, *Ampelopsis Engelmanni*, Cinnamon Vine, Matrimony Vine.

N. B.—Some of these should not be planted in the fall and have been omitted from the catalog on that account. See 1916 Spring catalog.

Lonicera - The Climbing Honeysuckle

Hardy vines with showy and usually very sweet-scented flowers. They thrive in almost any kind of soil and are very valuable for covering walls and trellis work, and as a ground cover, where they should be allowed to ramble without support of any kind.

We cannot speak too highly of this class, for covering arbors, fences, pergolas, verandas, etc. All are perfectly hardy and improve in beauty each year.

Aurea Reticulata. (Japan Golden Leaved.) Variegated yellow and green foliage, flowers creamy white.

Belgica. (Sweet Scented Monthly.) One of the most satisfactory Honeysuckles, produces continuously large trusses of red and yellow fragrant flowers.

Fuchsoides. (Scarlet Trumpet or Sempervirens) Fuchsia-like scarlet flowers, very free and beautiful.

Heckrotti. (New Sweet Scented.) Remarkable for the large size and distinct appearance of its flowers, dark rich red and creamy yellow in color. Blooms continually the whole season.

Japonica Flexuosa. (Chinese Twining.) Remarkable on account of retaining its beautiful glossy foliage most all winter and covered with sweet, yellowish-white flowers nearly all summer.

Japonica Halleana. (Hall's Japanese.) Almost evergreen sort, flowers pure white, changing to yellow. July to November.

PRICE: Strong 2-year-old vines, each, 35c; 3 for \$1.00; doz., \$3.50; by express. Heavy 3-year-old vines, each, 50c; 3 for \$1.35; doz., \$5.00; by express.

Matrimony Vine - Lycium

Well known, hardy, fast-growing vine; handsome when covered with scarlet fruit in autumn. Commonly used as a trailer, and for a ground cover under trees and on terraces or any kind of steep slopes to hold the soil in place.

Strong, 2-year-old plants, each, 25c; dozen, \$2.50; 3-year-old plants, each, 35c; dozen, \$3.50; 4-year-old plants, each, 50c; dozen, \$5.00; (by express.)

Periploca - Silk Vine

Grecia. A rapid-growing, beautiful climber; will twine around a tree or other support to the height of 30 or 40 feet. Foliage glossy and purple-brown axillary clusters of flowers. 2-year-old plants, each, 35c.

Vitis - Grape

Cognetiae. (Crimson Glory Vine.) A very strong-growing vine, covering trees and arbors with a thatch of heavy, showy foliage which becomes brilliant scarlet in autumn. 2-year-old plant, each, 35c.

Riparia. (Wild Grape.) We have fine cultivated vines of these rapid growing, hardy climbers, well suited to the covering of tree stumps, arbors, etc. Each, 30c; 3 for 85c; dozen., 3.00; (by express.)

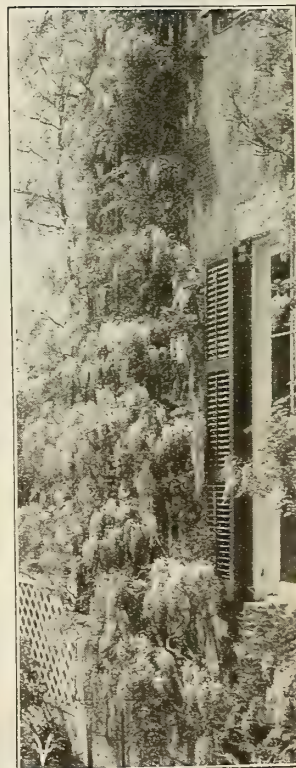
Wistaria

Strong-growing vines that wrap themselves tightly about any support and are valued most for covering bowers, porches, pergolas and training over tree trunks. In May they bear abundant drooping clusters of flowers, similar in shape to those of a Sweet Pea, and occasionally a lighter crop follows in August.

Magnifica. Flowers in dense, drooping racemes of a pale lilac color; vigorous and perfectly hardy. 2-year-old plant, each, 35c; 3-year-old plant, each, 50c; 4-year-old plant (extra strong), each, 75c; (by express.)

Vaughan's Selection of Shrubs for Hedges

Bush Honeysuckle, *Hydrangea Paniculata* Grandiflora, Japan Barberry, Japan Quince, Lilacs, Privet Ibofa, *Rhamnus Catharticus*, *Ribes Alpinum*, *Rosa Rugosa*, *Spiraea Anthony Waterer*, *Spiraea Bumalda*, *Spiraea Van Houttei*.



WISTARIA

Vegetable Seeds

For FALL PLANTING
and GREENHOUSE USE

ROOTS—Asparagus, Endive, Seakale

Plant in fall or spring.

Bonvallet's Giant, an especially valuable sort, grows quicker, is harder and produces larger shoots than the standard varieties.



ROOT OF BONVALLET'S
GIANT ASPARAGUS, 4 YRS.
FROM PLANTING.

Prices			
1-yr.-old Roots	Doz.	100	1000
Conover's Colossal.	\$0.10	\$0.50	\$4.00
Palmetto	.10	.50	4.00
Columbian M a m-			
moth White	.10	.50	4.00
2-yr.-old Roots			
Bonvallet's Giant...	.35	1.75	12.00
Conover's Colossal...	.15	.75	5.00
Palmetto	.15	.75	5.00
Columbian M a m-			
moth White	.15	.75	5.00
Argenteuil	.25	.95	8.00
3-yr.-old Roots, transplanted for forcing.			
	Doz.	100	1000
Bonvallet's Giant...	\$0.50	\$2.75	....
Conover's Colossal	.30	1.50	....
Palmetto	.30	1.50	....
If by Parcel Post, weights of 100 roots are:			
1 year (packed)	.....	2-3 lbs.	
2 year (packed)	.....	5-6 lbs.	
3 year (packed)	.....	8-10 lbs.	
3 year (transplanted)	.....	15-17 lbs.	

French Endive Roots Witloof Chicory

The roots are planted in earth in the cellar and hilled up for bleaching like celery or white asparagus. A delicious winter salad. Price, doz., 40c; 25 for 75c; 100, \$2.75; 500 for \$12.00 (By express). (Full directions with each order.)

Sea Kale Roots

A delicious vegetable combining the flavor of celery and asparagus, bleaches and forces easily, in an ordinary cellar. Price, doz., 65c; 25 for \$1.10; 100, \$4.00; by express.

Rhubarb Roots

Extra strong clumps for forcing. Each, 50c; doz., \$5.00; mammoth size, each 75c; doz., \$8.00. (Express.)

Beans

Triumph of The Frames. For forcing or growing under glass. Very small slim pods making the famous French (Haricot) style of bean. Pkt., 15c; ½ pt. (8 oz.), 20c; pt. (1 lb.), 40c; qt. (2 lbs.), 75c.

Cabbage

Copenhagen Market. A new Danish, early, hard-heading, uniform ripening variety. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; 1 lb., \$4.00.
Early Jersey Wakefield. Vaughan's selected stock. ½ oz., 20c; oz., 30c; ¼ lb., 80c; 1 lb., \$3.00.
Large Jersey or Charleston Wakefield. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.60.
All Head or Faultless. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., \$3.00.

Cauliflower

Vaughan's Earliest of All. A forcing strain and sure header and the earliest cauliflower. Pkt., 25c.
Vaughan's New Snowball. The best for early and late summer and fall crops. A wonderful strain of the popular Snowball variety. Pkt., 25c; ½ oz., 75c; ½ oz., \$1.40; oz., \$2.50; 1 lb., \$32.00.

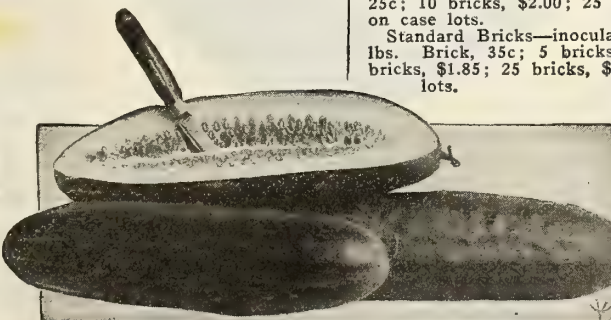
Cucumber

ENGLISH FRAME VARIETIES

Rollison's Telegraph. Greenhouse, English grown. Pkt., 50c.
Noah's Forcing. Pkt., 25c.
Prescot's Wonder. Carter's Model. Pkt., 25c.
Grand Rapids Forcing. An extra long white spine, crossed with an English sort. Very prolific. Pkt. (65 seeds), \$1.00; small pkt. (30 seeds), 50c.

Greenhouse and Frame Cucumbers

Davis' Perfect. (Vaughan's Select Stock.) Selected for length and tapering ends. Extra fine color. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25. Stock seed especially selected for greenhouse forcing. Pkt., 15c; 2 pkts., 25c; ½ oz., 60c; oz., \$1.00.
Extra Long White Spine. One of the favorites of greenhouse growers raising for market. Twelve inches long and fine green color. Selected stock. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.
Vaughan's Arlington White Spine. The best for Southern truckers. Size and color just right. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.



TYPE OF DAVIS PERFECT CUCUMBER.

Lettuce

GRAND RAPIDS FORCING Vaughan's Selected Stock For Greenhouse Use

This grand forcing variety is the hardiest of all sorts for greenhouse use and is planted now to the exclusion of almost all other sorts for this purpose. Our strain cannot be surpassed in quality.

Vaughan's Extra Selected Stock. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25; 5 lbs., \$5.50.

Regular Stock. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c; 5 lbs., \$3.25.

Black-Seeded Simpson. Forms large, loose leaves of ideal color. A good variety for use under glass and best for early outdoor planting. Vaughan's select stock. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.

May King. An excellent head lettuce. Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.25.

VAUGHAN'S BIG BOSTON Re-Selected Stock—Most Popular Strain for Southern Planting

This is the early lettuce so much planted in the south. Vaughan's Big Boston is standard throughout Florida where we sell many hundreds of pounds of this strain each year. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25.

Forcing Melons—For Greenhouse

Emerald Gem Forcing. American strain. Salmon flesh, early uniform.	Diamond Jubilee. Green flesh. Invincible Scarlet. Scarlet flesh.
A. 1. Superb. Scarlet flesh.	Royal Sovereign. White flesh.
Best of All. Green flesh.	Turner's Hybrid. (Best American Sort.)
Blenheim Orange. Scarlet flesh.	

Prices of above, except where noted, each, Pkt., 25c.

Mushrooms

Thousands of people are successfully raising delicious Mushrooms in their basements, cellars and outbuildings. Write for free leaflet on culture. This vegetable is produced by planting Spawn. Our Spawn is always fresh; monthly shipments are received from our manufacturers.

Lambert's Pure Culture Mushroom Spawn

This is the spawn produced according to the valuable discoveries made by American investigators. Through the method of inoculating bricks by means of test-tube culture, the larger yielding varieties only are produced and to some degree of certainty the kind of crop to be produced may be pre-determined.

The following strains produce fairly true to type:

No. 7. Brown. (Bohemia.) Very hardy and a good producer.

No. 8. Cream Columbia. Mammoth Strain. Hardy and prolific; extra fine for summer planting.

No. 9. White Alaska. Mammoth Strain. A most popular sort with growers for the market.

No. 5. Brown. Grows in clusters, is very prolific.

No. 10. Light Brown. A good grower, fine flavor.

No. 11. Cream. Similar to No. 8, but slightly darker.

No. 12. Cream color. (Columbia.)

Price—Direct Bricks, inoculated direct from Pure Cultures. Weight per brick, 1¼ lbs. Brick, 40c; 5 bricks, \$1.75, postpaid. Not prepaid, brick, 25c; 10 bricks, \$2.00; 25 bricks, \$4.25; 100 bricks, \$15.00. Special prices on case lots.

Standard Bricks—inoculated from Direct Bricks. Weight per brick 1¼ lbs. Brick, 35c; 5 bricks, \$1.40, postpaid. Not prepaid, brick, 20c; 10 bricks, \$1.85; 25 bricks, \$3.75; 100 bricks, \$12.00. Special prices on case lots.



English Mushroom Spawn

A very superior strain to the old English Milltrack Spawn. We are one of the largest handlers in the United States; fresh importations every few weeks. Price (weight per brick, 1¼ lb.), brick, 15c; 2 bricks, 25c; 8 bricks, \$1.00; 25 lbs., \$2.25; 100 lbs., \$7.50; if shipped from New York, \$7.00. Special prices on half ton lots and up.

SEEDS PER PARCEL POST:—Prices per pkt., or oz., and ¼ lb., include postage—larger quantities at rates on inside front cover.

SEEDS for FALL and WINTER

"PEDIGREED"
FORCING
VARIETIES

Onion Seed

Bermuda Onion Seed—Teneriffe Grown

(For Southern Planting.) We could not offer this in quantity at the time this Catalogue went to press on account of European war conditions. The main crop of seed may arrive too late to be of value for this year's planting. We therefore offer packets only. White Bermuda and Red Bermuda, pkt., 10c; oz., 30c. Crystal White Wax, pkt., 15c; oz., 50c. Write or wire for latest quantity price.

White Welsh Onion. For green onions. Hardy with slight protection. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

Winter Onion Sets

These are used for producing green onions for early spring use. No large bulb is formed, the sets being produced on the top of the stalk. Very productive, perennial and perfectly hardy. Planted in the fall to depth of 3 to 4 inches. Pt., (½ lb.) 10c; qt., (1 lb.) 20c; 2 qts., (2 lbs.) 30c; pk., (7 lbs.) 50c; ½ bu., (14 lbs.) 80c; bu., (28 lbs.) \$1.40.

Tomatoes

For Under Glass. Best Re-selected Stocks.

Lister's Prolific (New.) Latest popular English sort. Pkt., 25c. Comet (Scarlet). Sterling Castle (Scarlet). Sunrise (Scarlet). Hubert's Marvel (round like an apple). Frogmore Selected (Scarlet). Pkt., 15c each. Best of All and Lorillard (Two old standards). Pkt., 5c. New Globe, Chalk's Early Jewel and Bonny Best, American forcing varieties. Pkt., 10c.

Our seed wheat is carefully cleaned and is grown for us on contract by careful wheat breeders.

Grass Seeds—Wheat and Rye

The Famous Klondike Wheat

A bald, or smooth wheat, redchaffed, with fine amber grain. Grows very rank, with good stiff straw, having strength to hold up the heavy heads. Has displaced Golden Chaff in localities where the two varieties were grown. Prices by freight or express. Pk., 60c; bu., \$2.00; 10 bu., \$19.00; grain bags 20c extra. If to be shipped from New York, add 20c per bu. to these prices.

Turkey Red Wheat

Well bearded. Selected stock. The bearded are by far the hardest of the winter wheats. The heads of the Turkey Red are a good size and the plants stool out well. Carefully re-cleaned. Prices by freight or express, at purchaser's expense: Pk., 60c; bu., \$2.00; 10 bu., \$19.00; grain bags 20c each extra. If to be shipped from New York, add 20c per bushel to these prices.

Alfalfa, V Brand

A short crop in sight. We have a limited amount of fancy non-irrigated seed carried especially for the fall trade. Prices Sept. 1st, subject to change. (Write for samples.)

	Per Bu. 100 Lbs.	
Dakota Grown	\$12.50	\$22.00
Western	12.25	21.00
Everlasting Grimm (Dakota grown). (Per lb., 75c, post-paid; 5 lbs., \$2.50, exp.)	24.00	35.00
Liscomb (Variegated flower). Extra hardy with lateral roots	21.00	33.50
Original stock, lb., 75c, post-paid; 5 lbs., \$2.35 (exp.)		
2 bu. grain bags each 22c extra.		

Clover, V Brand

Present war conditions make market subject to large fluctuations. Sept. 1st prices below:

	Per Bu. 100 Lbs.	
Medium Red Fancy	\$10.00	\$16.25
Medium Red Choice	9.50	15.50
Mammoth Red Fancy	10.30	16.75
Mammoth Red Choice	9.80	16.00
Alsike Fancy	10.00	16.50
Crimson Clover, Choice	8.50	13.00
Two bushel grain bags, 22c each extra. Write for samples.		

Timothy, V Brand

Market strong, subject to fluctuations. Highest germination and purity. Write for samples. 10 lbs., \$1.00; bu., (45 lbs.), \$4.10; 100 lbs., \$8.50.

Two bushel grain bags, 22c each extra.

Wild Rice

A desirable food for wild ducks. Sown in fresh water, lakes, swamps and river bogs. Write for booklet. Seed must not be allowed to dry out. 1 lb., 40c; 5 lbs., \$1.65; 10 lbs., \$3.00.

Radish

Vaughan's Cardinal Forcing. New. Best forcing radish today. Few days earlier than Scarlet Globe, runs more even in shape, a richer dark red; small tops; flesh firm and crisp; very few cracked bulbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

Improved Early Scarlet Globe. Vaughan's Selected Stock. The standard red radish for hot bed and forcing use. An unequalled strain of this most popular sort. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 90c.

Giant Butter Radish. An improvement on the Crimson Giant. The largest of the early forcing radishes. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.25.

Crimson Giant. A standard, very large and early forcing radish, a fine strain. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.

Vaughan's Early Carmine Turnip. The earliest, all scarlet, turnip-shaped radish. Earlier than Scarlet Globe. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c.



CARDINAL
FORCING

Spinach

Extra Large Round Leaf, Monstrous Leaved Viroflay, and Vaughan's Norfolk Savoy. Oz., 5c; ¼ lb., 10c; 1 lb., 25c; 5 lbs., \$1.00.

Giant Fillbasket. (New.) The largest and best spinach yet introduced. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 50c.

Winter Rye

Our seed is a nice clean strain of the heavy yielding variety. Prices by freight or express. Pk., 50c; bu., \$1.60; 10 bu., \$15.00. Grain bags 20c each extra. If shipped from New York add 20c per bu. to these prices.

Winter Vetch, Also Called Hairy or Sand Vetch

Sow early in fall. Especially fine for orchard covering. It succeeds well in all soils and withstands extremes of heat and cold. Remains green and furnishes pasture all winter. Write for our booklet. Sow ½ bu. (30 lbs.), per acre. Price by freight or express: Bu., \$11.00; 100 lbs., \$18.00.

Bokhara or Sweet Clover

White Flowered. 1 lb., 35c; 10 lbs., \$3.00.

Vaughan's "Chicago Parks" Lawn Seed

VAUGHAN'S "CHICAGO PARKS" LAWN MIXTURE produces beautiful and permanent turf. They are as free from weeds and chaff as human skill and scientific machinery can make them. We invite microscopic examination, comparison or analysis. Price per ½ lb., 20c; 1 lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.65; 15 lbs., \$3.95; 20 lbs., \$5.25; 25 lbs., \$6.45; 50 lbs., \$12.75; 100 lbs., \$25.00.

VAUGHAN'S "COLUMBIAN LAWN" GRASS SEED. Vaughan's Columbian Lawn Grass Seed is a selection of the finest grasses which naturally thrive under shade of trees or buildings, or suitable for light sandy soils. This mixture produced lawns of beauty at the Columbian World's Fair, where it was used extensively and gave splendid results. Sow at least 100 lbs. per acre for new lawn, 50 lbs. per acre for thin grass. Price per ½ lb., 20c; 1 lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.65; 15 lbs., \$3.95; 20 lbs., \$5.25; 25 lbs., \$6.45; 50 lbs., \$12.75; 100 lbs., \$25.00.

KENTUCKY BLUE GRASS we offer in two grades. Extra Fancy Seed, sun-dried, twice re-cleaned. Very high germination. 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.85; 100 lbs., \$16.00. Fancy Seed. Actual weight 21 lbs. per bu. 1 lb., 20c; 5 lbs., 85c; 10 lbs., \$1.60; 100 lbs., \$13.50.

RED TOP GRASS. Fancy. Crop very short. Solid seed, bushel 32 lbs. 1 lb., 35c; 5 lbs., \$3.00; 100 lbs., \$28.00. Common. Unhulled. Bushel 14 lbs. 1 lb., 16c; 10 lbs., \$1.50; 100 lbs., \$14.00.

WHITE CLOVER. Extra fancy seed. 1 lb., 60c; 3 lbs., \$1.60; 10 lbs., \$5.40.



VAUGHAN'S "CHICAGO PARKS"

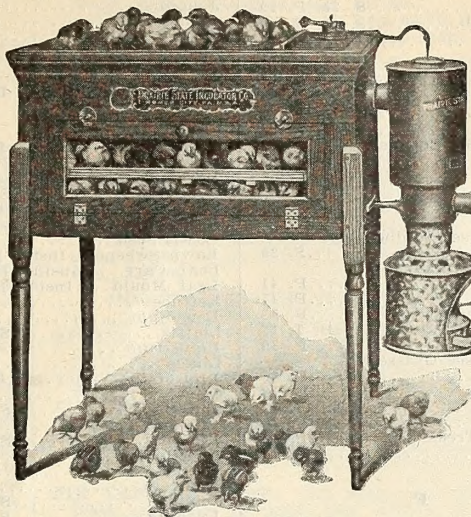
How to Make a Lawn—Free leaflet for the asking. Sow "Chicago Parks" Mixture—1 pound to 350 square feet on new lawn. One-half that for renovating an old one.

VAUGHAN'S QUICK SOD. A new mixture put up for fall sowing and first planting on new soil. Quick growing, hardy grass; produces good sod that will winter without killing out. Price per ½ lb., 20c; 1 lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.65; 15 lbs., \$3.95; 20 lbs., \$5.25; 25 lbs., \$6.45; 50 lbs., \$12.75; 100 lbs., \$25.00.

Parcel Post Rates are given on inside of front cover and on order sheet.

VAUGHAN'S POULTRY DEPARTMENT

Prairie State Incubators



PRAIRIE STATE NO. 1.

STANDARD SERIES

No. 0, 100 eggs; 135 lbs. crated; price.....	\$18.00
No. 1, 150 eggs; 150 lbs. crated; price.....	22.50
No. 2, 240 hen eggs, 225 lbs. crated; price.....	32.00
No. 3, 390 hen eggs; 325 lbs. crated; price...	38.00

KEYSTONE SERIES

No. 0 Keystone, 60 hen eggs; 60 lbs. crated; price.....	\$ 9.00
No. 1 Keystone, 100 hen eggs; 80 lbs. crated; price.....	12.00

UNIVERSAL HOVER

Complete Hover for outdoor use with Lamp Case; 50 lbs. crated.....	\$ 7.00
Complete Hover for indoor use, no Lamp Case; 30 lbs. boxed.....	6.00

PRAIRIE STATE PORTABLE HOVER

No. 1, capacity 65-100 chicks; 50 lbs. crated; price.....	\$ 8.50
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COMBINATION COLONY HOUSE

BROODERS

No. 1 (outdoor) weight, crated, 300 lbs.....	\$20.00
No. 2 (outdoor) weight, crated, 208 lbs.....	16.00
No. 3 (outdoor) weight, crated, 150 lbs.....	12.00
Heat regulator attached to any of the above brooders \$1.00 extra.	

PRAIRIE STATE STOVE BROODER

Capacity 250 to 1000 or more chicks.....	\$30.00
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Poultry Remedies

VAUGHAN'S GOOD HEALTH FOR POULTRY

A positive cure and preventive for colds, sore mouth and canker, sore eyes, sore breast, back or shoulders, cracked heels, trush, wounds, cuts, sores, saddle galls and roup.

Large Bottle	\$0.50
Small Bottle	.25



VAUGHAN'S MAGIC LIQUID ROUP AND CHOLERA CURE

Every poultry raiser should have a can of it; don't wait until the roup makes its appearance. It will be found a good preventive if a small quantity is put in drinking water.

1 pint can.....	\$0.50
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CONKEY'S LICE LIQUID

There are a great many poultrymen who do not seem to understand that the Mite requires entirely different treatment than the ordinary louse. There is no powder made that will entirely rid you of the Mite, and until you are rid of him he will multiply until every fowl you have is rendered useless from exhaustion. In our opinion, the Mite will do more to reduce the profit of your fowls than all other varieties of vermin combined. Conkey's Lice Liquid will immediately destroy these terrible pests and will rid your poultry house of its greatest profit killer.

Price, 1 qt. can, 35c; ½ gal., 60c; 1 gal., \$1.00. Conkey's Noxicide. Disinfectant, deodorant and germ destroyer. Price, 1 pt., 35c; 1 qt., 60c; 2 qts., 90c; 1 gal., \$1.50.

Sanford's Liquid Lice Killer. Successfully exterminates lice. Price, 1 qt., 35c; ½ gal., 60c; 1 gal., \$1.00.

Conkey's Head Lice Ointment. Price, 1 oz., 10c; 3 oz., 25c.

Conkey's Lice Powder. It is also an effective disinfectant. Price, 15 oz., 25c; 48 oz., 50c; 100 oz., \$1.00.

Sanford's Lice Powder. Price, 15 oz., 25c; 48 oz., 50c; 100 oz., \$1.00.

Conkey's White Diarrhoea Remedy. Price, large box, 50c; small box, 25c.

Conkey's Roup Cure. Price, pkg., 25c, 50c and \$1.00, postpaid.

Vaughan's Roup Cure. Positive cure. Price, small size, 50c; large size, \$1.00.

Conkey's Poultry Conditioner. A general invigorator. Price, 25c.

Conkey's Gape Cure. Price, per can, 50c.

Conkey's Scaleg Legs. Price, per can, 50c.

Poultry Worm Remedy. Price, per can, 50c.

VAUGHAN'S GROUND BEEF SCRAPS Or Prepared Meat for Poultry

This is the finest thing we know of to cause hens to lay during the winter. Feed 3 times a week at the rate of 1 oz. to each fowl, mixed with the daily mash.

As high prices for eggs prevail at this season of the year, it makes very profitable feeding.

100 lbs.....	\$3.50	25 lbs.....	\$1.15
50 lbs.....	1.90	5 lbs.....	.25

VAUGHAN'S MEAT AND BONE

This is a special preparation containing all the elements of our meat meal with the addition of fine ground bone, for the purpose of furnishing more lime to laying hens and producing a food of great strength and growing properties for maturing stock.

100 lbs.....	\$3.00	25 lbs.....	\$1.10
50 lbs.....	1.80	5 lbs.....	.25

GROUND BONE

200 lbs.....	\$4.75	25 lbs.....	\$0.75
100 lbs.....	2.50	5 lbs.....	.25
50 lbs.....	1.50		

GROUND RED PEPPER

Mix this with red albumen for a worm food.

Per lb.....	\$0.35
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CHARCOAL

Coarse Ground or Granulated			
100 lbs.....	\$2.25	10 lbs.....	\$0.50
50 lbs.....	1.25	1 lb.....	.10

HULLED OATS

100 lbs.....	\$3.85	25 lbs.....	\$1.15
50 lbs.....	2.00	5 lbs.....	.25

CRACKED CORN

Valuable for mixing and feeding with other grain.

100 lbs.....	\$2.25	25 lbs.....	\$0.75
50 lbs.....	1.25	5 lbs.....	.20

HARD RED WHEAT FOR PIGEONS

Extra choice re-cleaned seed			
100 lbs.....	\$2.75	5 lbs.....	\$0.25
50 lbs.....	1.60		

BUCKWHEAT

A valuable poultry grain; carefully selected.

5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.50; 100 lbs., \$2.80.			
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BARLEY

A valuable food, affording variety. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.40; 100 lbs., \$2.50.

CONKEY'S POULTRY TONIC

Price, 1½-lb. pkg.....	25c	3¼-lb. pkg.....	50c
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ALFALFA CLOVER MEAL

100 lbs.....	\$2.25	25 lbs.....	\$0.75
50 lbs.....	1.25	10 lbs.....	.40

YANKEE CORN

100 lbs.....	\$2.75	10 lbs.....	\$0.45
50 lbs.....	1.50	5 lbs.....	.25
25 lbs.....	.90		

Write for Complete Poultry Catalogue

VAUGHAN'S ZENITH HEN FEED

Contains no grit or shell. Every ounce is pure, sound grain. We choose all the grain very carefully and after mixing it an electric apparatus removes the dust. The mixture is scientifically prepared to make it the cleanest feed and best balanced ration. It is ideal for maturing chicks and laying hens.

100 lbs.....	\$2.35
50 lbs.....	1.25
25 lbs.....	.75
10 lbs.....	.35
5 lbs.....	.20

Leader Adjustable Leg Bands. Prices, doz., 15c; 25, 25c; 50, 40c; 100, 75c; postpaid.

Improved Champion Leg Bands. Price, doz., 15c. Wire Hen Nests. Each, 15c; ½ doz., 75c; doz., \$1.50.

Porcelain Nest Eggs, 3c each; 2 for 5c; doz., 25c. Vaughan's Pigeon and Poultry Fountain—

Price, ½ gal. size, 50c; 1 gal. size, 75c. Peerless Drinking Fountain. Price, 60c; with heater, \$1.50. Heater alone, \$1.00.

Moe's Top Fill Drinking Fountain. 1 gal., \$1.00; 2 gal., \$1.50; 4 gal., \$2.00.

Vaughan's Earthenware Fountain. Prices, 1 qt., each, 20c; doz., \$2.25; 2 qt., each, 30c; doz., \$3.35; 4 qt., each, 40c; doz., \$4.50.

Vaughan's Grit and Shell Box. Three compartments; very economical. Price, 50c; doz., \$5.50.

Reliable Egg Carrier. Compact and durable, A No. 1 Filler, each, 50c; per doz., \$4.25.

Square Style Egg Carrier. Per doz., 15c; 25 for 25c; 50 for 50c; 100 for 75c; 1000 for \$7.00.

All Wood Shipping Coops. Best on market.

No.	Length	Width	Height	Each	Per Doz.
1	12	18	18	\$0.30	\$3.25
2	18	18	18	.35	3.65
3	12	21	21	.35	3.75
4	18	21	21	.40	4.90
5	30	21	21	.50	5.50
6	30	21	21	.55	6.00

PIGEON SUPPLIES

Jersey Perch. Best on the market. Each, 6c; doz., 65c.

Vaughan's Pigeon Food. Put up as follows: 5-lb. cartons\$0.25 50-lb. sacks.....\$1.50

25-lb. sacks.....1.00 100-lb. sacks.....2.50

Foust's Health Grit. An all-around condition powder. 5 lbs., 25c; 25 lbs., 75c; 50 lbs., \$1.15; 100 lbs., \$2.10.

For Incubators, Farm Stock Remedies, Poultry Houses, etc., see our spring catalogue, free on application.

Breeding Stock. Prices furnished on application.

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Calochortus	P. 40	Ficus	P. 26	Lathyrus	S. 25, P. 31	Salvia	S. 25, P. 37
Calycanthus	P. 40	Firs (Abies)	P. 46	Lavender (see Lavendula)		Sambucus	P. 44</

VAUGHAN'S GARDEN TOOLS AND REQUISITES

PRICES GIVEN BELOW DO NOT INCLUDE PREPAYING OF CHARGES EXCEPT WHERE NOTED

BULB PLANTER (see page 11).

BULB DIBBER (see page 11).

FUMIGATORS, Eureka, galvanized. Used for burning tobacco stems in order to fumigate greenhouses. No. 1, capacity $\frac{1}{2}$ pk., \$1.50; No. 2, capacity 1 pk., \$2.00; No. 3, capacity $\frac{1}{2}$ bu., \$2.75; No. 4, capacity $\frac{3}{4}$ bu., \$3.50.

FERTILIZERS

BONE MEAL, Vaughan's "Rose Grower" Brand. Has been slightly steamed so that it can be ground fine, and is thus quicker in its action. 5 lbs., 25c; 10 lbs., 50c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.25. (In New York, 50c higher per 100 lbs.)

BONE MEAL, "Regular Grade." 5 lbs., 20c; 10 lbs., 35c; 25 lbs., 60c; 50 lbs., \$1.10; 100 lbs., \$2.00 (In New York 50c higher per 100 lbs.)

BOWKER'S PLANT FOOD. A first class plant food. Small sized pkg., 15c; large sized pkg., 25c; mailing weight, small, 7 oz.; large, 15 oz.

CATTLE MANURE (Shredded). A natural fertilizer for all general purposes. If applied to the lawn in the fall it protects grass roots through the winter. As easy and clean to handle as grain. Price: 100 lbs., \$1.80; 500 lbs., \$7.00; 1,000 lbs., \$11.00; 2,000 lbs., \$21.00. (Prepaid to nearest railroad station if within twenty miles of Chicago.) In New York, 50c higher per 100 lbs.

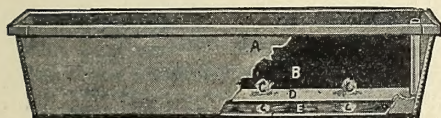
CLAY'S FERTILIZER. Valuable imported manure, recommended to all who grow either fruit, flowers or vegetables and wish to bring them to the highest perfection. Should also be used for potting and top dressing. Lb., 15c; 7 lbs., 75c; 14 lbs., \$1.25; 28 lbs., \$2.50; 56 lbs., \$4.00.

SHEEP MANURE (Pulverized). Excellent for mixing with soil of greenhouse plants; one part manure and six parts soil. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 65c; 50 lbs., \$1.00; 100 lbs., \$1.85; 500 lbs., \$7.50; 1,000 lbs., \$12.00; ton, \$21.00 (25 lbs. and up prepaid to nearest railroad station if within twenty miles of Chicago.) F. O. B. New York, 100 lbs., \$2.00; 500 lbs., \$8.50.

VAUGHAN'S CONCENTRATED PLANT FOOD This is the most useful fertilizer for all kinds of plants raised in pots. Small pkg., 15c each; Large pkg., 25c each; mailing weight, small, 10 oz.; large 17 oz. Each package contains full directions.

FIBER, for growing bulbs in., (see page 10).

"Illinois" Self-Watering
FLOWER BOXES AND BASKETS
Splendid for growing bulbs



Box has reservoir in bottom, which when filled with water will supply plants with moisture for ten days. Water being conveyed direct to the roots of plants leaves soil in a loose condition, ideal for plant growth. Sold in following Shapes and Sizes.

WINDOW BOXES

8-in. deep, 10-in. wide., except No. 0, 6-in. x 6-in.			
No.	Length	Price	No. Length Price
0.....	16 in.	\$1.00	6.....33 in. \$2.35
1.....	23 in.	1.60	7.....35 in. 2.50
2.....	25 in.	1.75	8.....37 in. 2.65
3.....	27 in.	1.90	9.....39 in. 2.80
4.....	29 in.	2.05	10.....41 in. 3.00
5.....	31 in.	2.20	

PORCH BOXES

9-in. deep, 12-in. wide.			
No.	Length	Price	No. Length Price
21.....	37 in.	\$3.00	24.....49 in. \$4.00
22.....	41 in.	3.40	25.....53 in. 4.25
23.....	45 in.	3.75	

HANGING BASKETS

No.	Depth	Square	Price	No.	Depth	Square	Price
8.....	6 in.	8 in.	\$1.00	12.....	8 in.	12 in.	\$1.50
10.....	7 in.	10 in.	1.25	14.....	9 in.	14 in.	1.75

GLASS CUTTER and Glazing Tool. Each, 10c

GLASS CUTTER, DIAMOND. Each, \$4.50.

GLAZING POINTS, Vaughan's Perfection. No rights or lefts. No. 2, small, single thick glass; No. 1, large, single thick glass; No. 2 $\frac{1}{2}$, double thick, for greenhouse and skylights. Price, per box of 1,000, 70c; box No. 2, 1 lb.; No. 2 $\frac{1}{2}$, 1 $\frac{1}{2}$ lbs.

Siebert's Improved, price per lb., 50c.

HOTBED SASH. Unglazed, for 10-inch glass.

Each, \$1.50; 3 for \$4.40; doz., \$17.50.

For 8-inch glass, each, \$1.60; 3 for \$4.75; doz., \$18.50. Write for prices on glazed sash.

HOTBED MATS. Lined, waste wool and cotton quilted. Size A, 40x76 inches, each, \$1.10; doz., \$11.00. Size B, 76x76 inches, each, \$1.60; doz., \$16.00.

Waterproof Duck. Same as above with waterproof duck on one side to shed rain. Size C, 40x76 inches, each, \$1.50; doz., \$16.00. Size D, 76x76 inches, each, \$2.00; doz., \$21.50.

Rattan Singapore Fibre. It is 6 feet 2 inches long by 6 feet wide. Each, \$2.50; doz., \$27.00.

Straw Mats. Rye straw, 3x6 feet, each, \$1.25; doz., \$14.00. Same mat, 6x6 feet, each, \$2.25; doz., \$25.00.

INSECTICIDES AND FUNGICIDES

By mail, $\frac{1}{2}$ pt. 1 lb.; pt. 2 lbs.; qrt., 3 lbs.
APHINE. A new insecticide discovery that kills plant lice of every species. Effective indoors and outdoors. Per pint, 65c; per quart, \$1.00; gallon, \$2.50.

FIR TREE OIL. For mealy bug, scale, red spider, black and green aphid, thrip, lice, worms and slugs. Small bottle, 25c; $\frac{1}{2}$ pt., 40c; pt., 75c; qt., \$1.25; gal., \$4.00. (Sold in Illinois and New York only.)

FIR TREE OIL SOAP. For thrip, red spider, black and green fly, mealy bug, worms, $\frac{1}{2}$ lb. tin, 25c; 2 lbs., 75c.

FISH OIL SOAP. (Commonly known as Whale Oil Soap). An excellent wash for trees and plants where insects and eggs affect the bark; also used for smearing upon trees to prevent worms crawling up. Per lb., 18c; 2 lbs., 30c; 5 lbs., 65c.

LEMON OIL. Destroys mealy bug, scale, thrip, red spider, etc. $\frac{1}{2}$ pint, 25c; pint, 40c; quart, 75c; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00.

NICO-FUME. Strips of paper strongly saturated with Nicotine. These when suspended and lighted make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 feet by 20 feet wide. Price, 24 sheets, 85c; 144 sheets, \$4.00; 288 sheets, \$7.50, postpaid.

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent Nicotine. $\frac{1}{4}$ lb., 50c; 1 lb., \$1.50; 4 lbs., \$5.50; 8 lbs., \$10.50.

NICOTICIDE. Fumigating or spraying compound for killing insects on plants in greenhouses and frames. 4 oz., 70c; $\frac{1}{2}$ pt., \$1.25; pint, \$2.50; quart, \$4.50; $\frac{1}{2}$ gal., \$8.25; gal., \$15.00.

NIKOTEEEN. Use same as Nicoticide. $\frac{1}{4}$ pint, 40c; $\frac{1}{2}$ pint, 85c; pint, \$1.50.

SULPHUR (Flowers of). For mildew on roses. Lb., 12c; 10 lbs., 85c; 25 lbs., \$1.75.

SULPHO TOBACCO SOAP. For greenfly on roses. 8 oz. box, 20c; by mail, 25c; 3 ozs., 10c; by mail, 12c.

TOBACCO STEMS. For fumigating. 5 lbs., 20c; 100 lbs., \$1.50.

TOBACCO DUST. One of the best remedies for green and black aphid, fleas, beetles, etc., also for insects in the ground. Lb., 10c; by mail, 15c; 5 lbs., 25c; 10 lbs., 40c; 100 lbs., \$3.00.

X. L. ALL LIQUID INSECTICIDE. English Nicotine preparation, harmless to very delicate plants. Kills mealy bug, red spider and white fly. $\frac{1}{2}$ gal., \$2.25; 1 gal., \$4.00.

KNIVES. Propagating. Ivory handle. Each, \$1.25; by mail, \$1.30.

Propagating. "The Vaughan," best of all. Each, 75c; by mail, 80c.

Budding and Propagating. Two blades, ivory handle. Each, \$1.25; by mail, \$1.30.

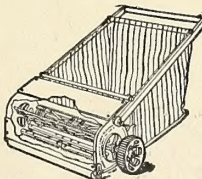
Pruning. Stag handle, English. Each, \$1.25; by mail, \$1.30.

German Pruning. \$1.00; by mail, \$1.05.

LABELS, Wooden, for Pots. Per 100 1000
4 in., painted. \$0.15 \$1.00
5 in., painted. .20 1.50
Tree (German) 3 $\frac{1}{2}$ in. .20 1.50

LAWN SWEEPER

The Gem. Will clean a lawn more thoroughly than four men with hand rakes. Made of metal, wood and canvas, and lighter and less noisy than all metal. Each, \$16.00.



LEAF MOLD. Per bbl., \$2.50.

LEAF CART. A hand cart frame with a very light wood rack. \$14.00.

PEAT. For potting Orchids, etc. Per bbl., \$2.50

Peat. For potting Azaleas. Per bbl., 2.00

PLANT TUBS—Columbian. Made of the best pine lumber. Has twelve staves in tapered shape held together by two steel wires. Natural varnish finish. Measurements are outside of tub. F. O. B. Chicago only.

11 by 11 $\frac{1}{2}$ inches. Each, \$1.00; 4 for \$3.80
14 by 14 $\frac{1}{2}$ inches. Each, 1.50; 4 for 5.60
17 by 16 $\frac{1}{2}$ inches. Each, 2.00; 4 for 7.50
19 by 19 $\frac{1}{2}$ inches. Each, 2.50; 4 for 9.40
26 $\frac{1}{2}$ by 22 $\frac{1}{2}$ inches. Each, 3.00; 4 for 11.00

Union Cypress. These tubs are made of $\frac{7}{8}$ -inch cypress, which insures their keeping for years without rotting. Measurements are outside of tub.

No.	Each	4 for
1-11 $\frac{1}{2}$ in. diam., 11 $\frac{1}{2}$ in. high.....	\$1.00	\$3.60
2-13 $\frac{1}{2}$ in. diam., 12 in. high.....	1.25	4.50
3-14 in. diam., 14 in. high.....	1.65	6.00
4-16 in. diam., 15 in. high.....	2.00	7.50
5-19 in. diam., 18 in. high.....	3.00	11.00
6-22 in. diam., 19 $\frac{1}{2}$ in. high.....	3.75	13.00

PUTTY (Twemlow's Old English). Semi-liquid. To be used in same manner as Mastic. Per gal., \$1.85.

PUTTY BULB (Scollay's). A useful tool with a tube for applying liquid putty in glazing greenhouses. Each, \$1.00. Mailing weight, 1 lb.

POTS, PANS AND SAUCERS

We pack these carefully, but will not be responsible for breakages in transit.

FLOWER POTS (RED)					
In.	Doz.	100	In.	Doz.	100
2 $\frac{1}{2}$	15c	\$0.85	7	\$1.00	\$7.00
3	20c	1.25	8	1.40	10.00
4	35c	1.75	10	Each	25c
5	45c	3.50	12	Each	40c
6	65c	4.00	38.00		

BULB OR FERN PANS (RED)

Each		Doz.	Each		Doz.
5 in.	\$0.06	\$0.60	8 in.	\$0.12	\$1.25
6 in.	.07	.75	9 in.	.15	1.50
7 in.	.10	1.00	10 in.	.25	2.00

SAUCERS (FIBRE) Waterproof and Unbreakable

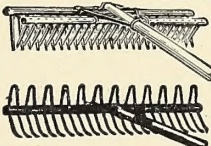
Doz.		100	Doz.		100
4 in.	\$1.40	\$10.30	8 in.	\$2.00	\$14.50
5 in.	1.60	12.00	9 in.	2.10	16.00
6 in.	1.75	12.50	10 in.	.25 doz.	2.35
7 in.	1.90	13.50	12 in.	each	2.65

POTTING SOIL. This mixture is prepared by us. Suitable for all ordinary plants and bulbs; by express or freight at buyer's expense, ready for use. Pk., 35c; bu., \$1.00; bbl., \$2.00.

RAKES. Steel Bow Garden. Best, does not break in center; 12 teeth, 60c; 14 teeth, 75c; 16 teeth, 90c.

Garden. 12 teeth, 50c; 14 teeth, 60c; 16 teeth, 75c.

LAWN RAKES



Automatic Self-Cleaning. A backward motion of the operator clears all the teeth at once. Each, 75c.

Lawn Queen. Wire teeth, reversible head, 24 teeth, each, 45c; 36 teeth, each, 75c.

SAWS, Vaughan's "Perfection" Pruning. Adjustable blade, so branches can be easily removed close to the trunk of the tree. Each, \$1.75; extra blades, 25c.

SHEARS. Hedge. Best Imported English. 8 inch, \$1.25; with notch. \$1.40
9 inch, 1.50; with notch. 1.65
10 inch, 1.75; with notch. 2.00
Notch at crutch of blade to cut small branches.

Pruning (German). 4 $\frac{1}{2}$ inch, each, 90c; 5 $\frac{1}{2}$ inch, \$1.00; 6 $\frac{1}{2}$ inch, \$1.10; 7 $\frac{1}{2}$ inch, \$1.15; 8 $\frac{1}{2}$ inch, \$1.35; 9 $\frac{1}{2}$ inch, \$1.50. Extra springs, each, 15c.

SPRINKLERS. The Lenox. A splendid sprayer for in or outdoor plants, rose bushes, etc. Each, 45c; by mail, 50c; extra bulbs, 15c each.

Scollay's Rubber. Indispensable for floral work. Large, \$1.00; by mail, \$1.10; Medium, 75c; by mail, 82c. Small, 60c; by mail, 65c.

WATERING CANS. American. Heavy galvanized round can, two copper-faced roses, long spouts. 4 qt., \$1.75; 6 qt., \$2.00; 8 qt., \$2.25; 10 qt., \$2.50; 12 qt., \$2.75.

French. Oval; otherwise same make as above. 6 qt., \$2.25; 8 qt., \$2.50; 10 qt., \$2.75; 12 qt., \$3.00.

VAUGHAN'S PEONIES

(ILLUSTRATION ONE
HALF NATURAL SIZE)

for AUTUMN
PLANTING

DUKE OF WELLINGTON

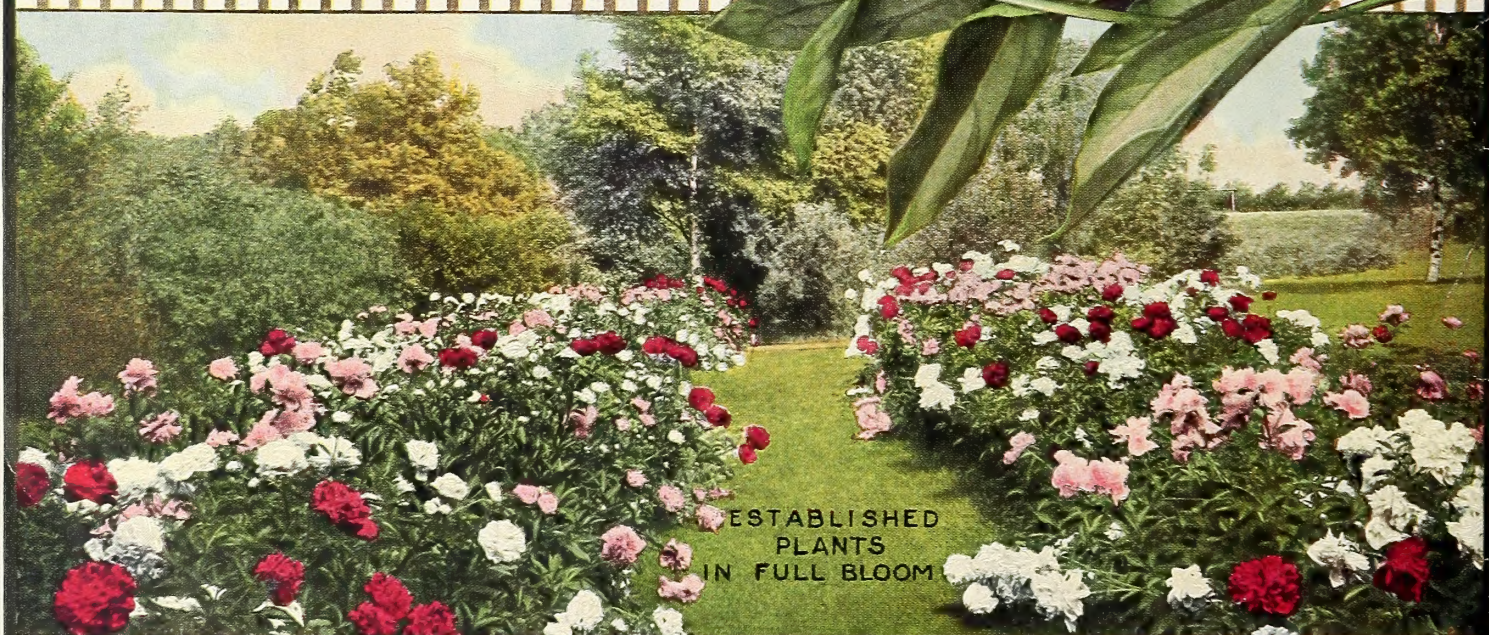
FELIX
CROUSSE

COLLECTION
58A

One strong
plant of each
of these 4 varieties
For \$1.50 (Prepaid \$1.75)

TRIOMPHE DE LILLE

DUCHESSE DE NEMOURS
(CALOT)



ESTABLISHED
PLANTS
IN FULL BLOOM

NEW YORK **VAUGHAN'S** CHICAGO
SEED STORE